SERVICE MANUAL

BE-2A CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-M1400K	RM-841	OIRT	SCC-E50G-A	KV-M1401D	RM-841	AEP	SCC-D85M-A
				KV-M1400E		Spanish	SCC-D87N-A
KV-M1400A	RM-841	Italian	SCC-D78J-A	KV-M1400U	RM-841	UK	SCC-D86Q-A
KV-M1400B	RM-841	French	SCC-E24G-A	KV-M1401U	RM-841	UK	SCC-D86P-A
KV-M1400D	RM-841	AEP	SCC-D85N-A	KV-M1400L	RM-841	Irish	SCC-D88H-A

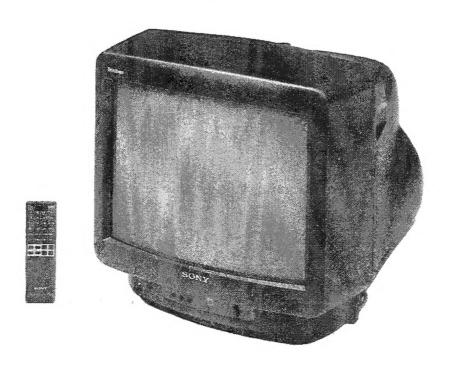






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				C Board Printed Wiring	
	WARNING (UK MODELS ONLY)			Al Board Schematic Diagram	
				A1 Board Printed Wiring	
	tible mains lead is supplied connected to a B.S. 1363 fused			J1 Board Printed Wiring	
	ving a fuse of 5 AMP capacity. Should the fuse need to be 1, use a 5 AMP FUSE approved by ASTA to BS 1362, ie			Tuner Unit Schematic Diagram	
	carries the mark.			M1400A	39
	PLUG SUPPLIED WITH THIS APPLIANCE IS NOT		5-4.	Semiconductors	40
	BLE FOR YOUR SOCKET OUTLETS IN YOUR HOME. ULD BE CUT OFF AND AN APPROPRIATE PLUG FITTI	ED	6. EXP	LODED VIEWS	
THE PL	UG SEVERED FROM THE MAINS LEAD MUST BE		6-1	Chassis and Picture Tube	42
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When a	EROUS IF ENGAGED IN A LIVE SOCKET OUTLET. 1 alternative type of plug is used it should be fitted with a 5 A		7. ELEC	CTRICAL PARTS LIST	
	otherwise the circuit should be protected by a 5 AMP FUSE	at the		KV-M1400K, KV-M1401K	
distribu	ion board.			KV-M1400D, KV-M1401D	44
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				KV-M1400A, KV-M1400E	
	ATI -			KV-M1400L, KV-M1400U	
				KV-M1401U	58

CAUTION

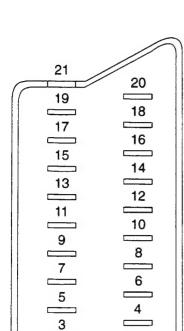
FUSE

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVAL OF THE ANODE CAP.

SAFETY RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARKE D WITH A ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS ITH SONY PARTS WHOSE PARTNUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

1-1. 21 PIN CONNECTOR



1

2

21 pin connector (1 🕒)

Pin No		Signal	Signal level
1	0	Audio output B (right)	Standard level: 0.5Vrms Output impedance:less than 1kohm*
2	0	Audio input 8 (right)	Standard level:0.5Vms Input impedance:More than 10kohms*
3	0	Audio output A (left)	Standard level:0.5Vrms Output impedance:less than 1kohm*
4	0	Ground (audio)	
5	0	Ground (blue)	
6	0	Audio input A (left)	Standard level:0.5Vms Input impedance:More than 10kohms*
7	0	Blue input	0.7V±3dB, 75ohms, positive
8	0	Function select (AV control)	High state (9.5—12V):Part mode Low state (0—2V):TV mode Input impedance:More than 10kohms Input capacitance:Less than 2nF
9	0	Ground (green)	
10	0	Open	
11	0	Green	Green signal:0.7V±3dB. 75ohms, positive
12	0	Open	
13	0	Ground(red)	
14	•	Ground (blanking)	
15	0	Red input	0.7V±3dB, 75ohms, positive
	_	(S signal) croma input	0.3V±3dB, 75ohms, positive
16	0	Blanking input (Ys signal)	High state (1—3V) Low state (0—0.4V) Input impedance:75ohms
17	0	Ground (video output)	
18	0	Ground (video input)	
19	0	Video output	1V±3dB, 75ohms, positive Sync:0.3V(-3, +10dB)
20	0	Video input	1V±3dB, 75ohms, positive Sync:0.3V(-3, +10dB)
		Video Input/Y (S signal)	1V±3dB, 75ohms, positive Sync:0.3V(-3, +10dB)
21	0	Common ground (plug, shield)	

○ connected

unconnected (open)

* At 20 Hz-20kHz

Instructions shown here are partial excerpts from the Instruction Manual.

The pages of the Instruction Manual are included

here in their original state.

Presetting of channels

1-3

After you have completed the basic preparation your TV is ready to be connected to the mains power supply (220/240V AC, 50Hz).

Switching on/off

1-2.

After having installed the TV, you now need to preset TV channels. Up to 60 programme positions are at your disposal. For channel presetting use the buttons with the red symbols on the Remote Commender.

The TV will turn on.
Note: If the screen remains blank, the
TV may be in the standby mode.
Press © on the commander to switch
it on.

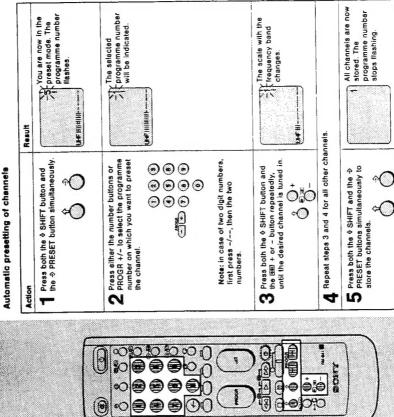
Result

How to turn the TV on

 Θ

Press @ on the TV.

Action



BONT ف اف

21

22

The TV will be in standby. To return to the TV mode press ○

Press & to enter standby

mode.

A Temporarity

How to furn the TV off

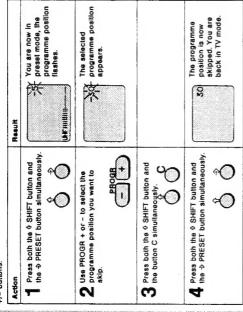
The TV will turn off.

Press © on the TV.

BONT

B Completely

Since you have 60 programmes at your disposal, you may want to skip vacant programme positions, that means that they are skipped when you press the PROGR +/- buttons.



©©©©⊕ 0©©©⊕ 0©©©⊕ 0©©©⊕

0

How to fine tune a channel menually

If the reception of a stored channel is not satisfactory, you can fine tune the channel manually

Action	Result
Press both the OSHIFT button and the EE	The channel is now fine tuned.
reception is good.	
) *C	
()	

Note: By pressing the respective programme number the automatic fine tuning will be restored.



The selected programme is displayed





Muting of the sound

Press 4 + or

Action

Press button 4

The A symbol and the level indicator are displayed on the screen. The volume is adjusted accordingly.

Result

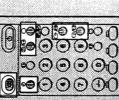
Press the + or - button for programme selection

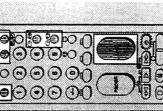
On the set:

How to adjust the volume

The sound is switched off. Press the button again to restore the sound.

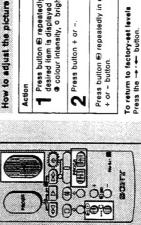
Press button & repeatedly in order to select the desired item, then adjust with





the + or - button.

On the set:



The selected picture item is adjusted accordingly. The symbol and the respective bar display are displayed. Press button @ repeatedly, until the desired item is displayed (@ contrast, colour intensity, o brightness) Press button + or -.

Press button & repeatedly in order to select the desired item, then adjust with the + or - button.

To return to factory-set levels Press the ---- button.

Other functions

On-screen display

Press the G button to display the programme number on the screen and press the button a second time to make it disappear.

Selecting the signal of a connected device

Press the G-button to receive the signal of the device (e.g. a VTR) connected at the 21-pin connector (rear of the set). Press the C button to return to the TV mode (see also page 27). Press @ to request the time. Press again to cancel the request (only if teletext is

broadcast).

Press the © button repeatedly until the required time period is displayed on the screen (30, 60, 90 minutes or 0 for cancelling the request). In this way you can select the time period after which the set switches itself automatically into standby-mode. Sleep Timer

23

24

Teletext Operation

TV stations broadcast teletext programmes via the TV channels. To receive teletext programmes, use the buttons indicated in green on the Remote Commander.

The channel changes on the screen. The teletext service appears. The numbers are entered on the screen. The requested page will appear in a few seconds. To change the teletext chennels: First press ◯ to return to TV mode, then repeat steps 1 to 3. Result Select the channel which carries the teletext service you wish to view. input three digits for the page number using the number buttons. Note How to view the telefext If you make a mistake, type in any three digits, then re-enter the correct page number. To return to the TV mode: Press O. 2 Press @/ D. Action T 3

0

0

If the signal of the TV channel is weak, teletext errors may often occur. The ○ button has no function on this set. Note

How to use the Advanced Festures of Teletext

HOW	Action	Result (on-screen display)
Request the index page.	Press © (INDEX).	INDX : appears.
Access the next or preceding page.	Press & (PAGE +) or B (PAGE -).	7101 The next or preceeding page appears.

Teletext Operation

How to	Action	Result
Superimpose the teletext display on the TV programme.	Press © !© once if you are in text mode, or press © !© twice if in Ty mode. To return to the normal teletext display press © !© eggin.	displays are appropriate on the TV
prevent a teletext page from being updated or changed.	Press & (HOLD). To resume normal teletext reception, press & Ø (TEXT/MIX).	The HOLD symbol Reapers on the screen and the Chosen sub-page is held until you cancel.
Enlarge the teletext display.	Press ® once to enlarge the upper half, Press twice to enlarge the lower half. Press again to restore the normal display.	The upper half is enlarged.
Reveal conceated information (e.g. answers to a quiz).	Press @ (REVEAL). Press again to conceal the information.	The information is revealed.
Watch the TV programme while	1. Request a new page.	The numbers are entered.
waling for a fequested page to be displayed.	2. Press ® (TEXT CL).	The TV programme is displayed, and the requested page number and other teletext data appear at the top of the screen.
	3. When the requested page has been captured, the page number remains and the other data disappears.	P201
	4. Press © to view this page	The requested page is displayed.

Some of the features may not be available depending on the Teletext service.

How to use the FASTEXT Feature

FASTEXT feature allows you to access pages quickly with one key operation. When a FASTEXT page is broadcast, a colour coded menu appears at the bottom of the screen. Each coloured prompt corresponds to the four coloured buttons of your Remote Commander.

Operation

|--|

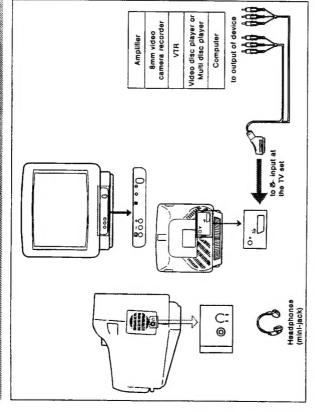
Note
Correct FASTEXT operation depends on the necessary signals sent from the TV station.
Some TV stations may not send signals for the FASTEXT.
26

25

BONN

Optional connections/operations

How to comment edditional Authorities againment



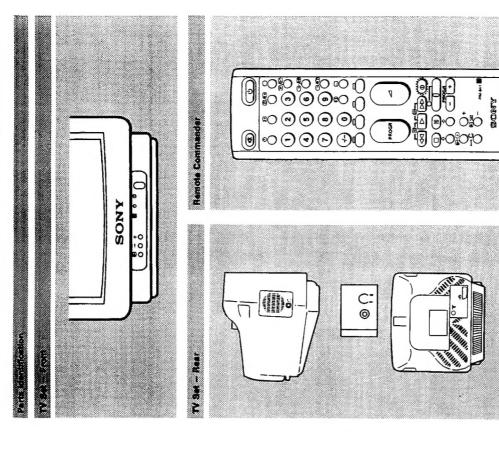
How to view the Video input signal

Press button G• repeatedly in order to select the desired input mode (G• for Audio/video signals from 21-pin EURO connector 6∙ or from the video/audio connectors V G• A on the front; G• for S•video signals from the S•video (4-pin DIN) connectors on the front). Press button ○ to return to TV mode.

On the set: Press button & once, the symbols C, G-, & will appear on the screen, then press the + button to select the desired video input mode. Press & and + buttons again to return to TV-mode.

Note $\,$ in case of sound or picture distortions move the VTR away from the TV set. $\,$

1-7. Additional information



28

27

TV See

Symbol	Function	Pege
Θ	Main power switch	21
Đ	Standby indicator	21
-/+	Programme selector	22
-/+ 🗗	Sound and picture adjustment/input selection	24
С	Headphone jack (mini-jack)	27
ø	21-pin connector (rear of set)	27
1-	Aerial socket (rear of sel)	20

Damate Commander

-9*-*

Symbol	Function	Page
Ð	Button for switching the TV set into standby mode	21
0	Used to return to TV-mode from standby and video input modes	21
1-9, 0, -/	Number buttons – in case of two digit numbers first press button -/ and then two number buttons	22
PROGR +/-	Programme scanning buttons	22
⊕ and ⊕	Preset mode on/off buttons	22
0	Functions only in combination with other buttons	22, 23
0 and C	Button for clearing a programme position (in preset mode)	23
-/+ (4+1) day	Buttons for manual line tuning of a channel/presetting	23
₩	Mute button	24
a	Select button for picture adjustment item	24
-/+	Buttons for adjusting picture items	24
į.	Button for resetting the picture adjustment items to standard	24
7+ 7	Buttons for adjusting the volume	24
6	Button for activating the steep timer	24
Ф	On/off button for onscreen display	24
6	Time feature (only for KV-M1401D)	24
69 (S)	Teletext buttons (only for KV-M1401D)	25, 26
• []	FASTEXT Buttons (only for KV-M1401D)	25
Ģ	Button for selecting the video input mode	27

Note: Buttons not referred to in this index have no function.

Here are some simple solutions to the problems which affect the picture and sound.

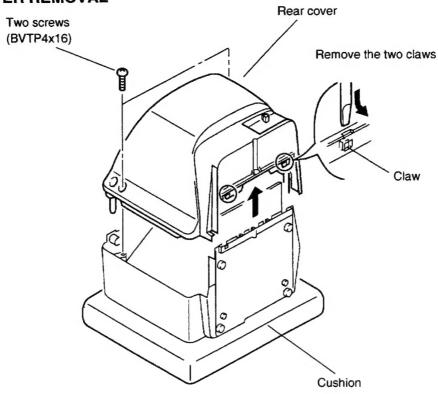
Problem	Solution
No picture (acreen la dark), no sound	• Plug the TV In. • Press © or the programme number on the Remois Commander). • Check the serial connection. • Check the serial connection. • The the serial connection. • The PV off for 3 or 4 seconds and then turn it on again using €.
Poor or no picture (screen is dark), but sound good	. Adjust G , Q , Φ by pressing the + button after selecting with the Θ button.
Good picture but no sound	· Press △ + . • Olsconnect the headphones. • If ≪ la displayed on the screen, press ≪.
No calour for colour programmes	 Adjust Ø with the + button after selecting with the ⑤ button. Press - · · on the Remote Commander.
Remote Commander does not function	. REPLACE THE BATTERIES

If you continue to have these problems, have your TV serviced by qualified personnel. Never open the casing yourself.

MEMO		
	V-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
		 ·

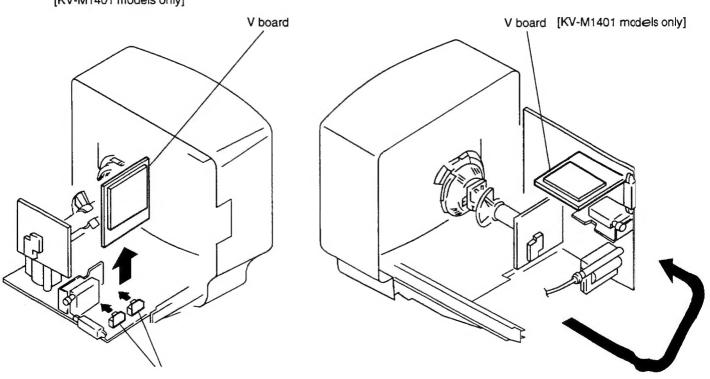
SECTION 2 DISASSEMBLY

2-1. REAR COVER REMOVAL

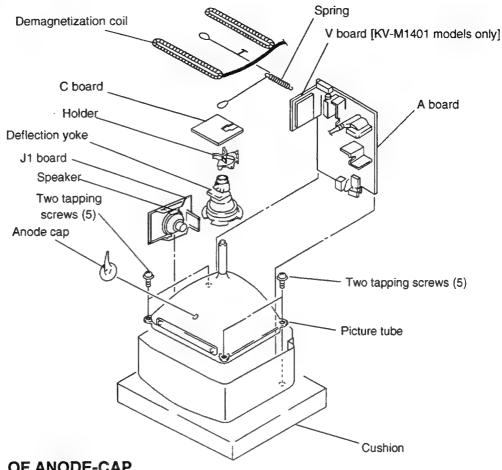


2-2. V BOARD REMOVAL [KV-M1401 models only]

2-3. SERVICE POSITION



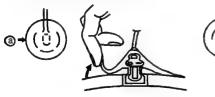
2-4. PICTURE TUBE REMOVAL



REMOVAL OF ANODE-CAP

Note: Short circuit the anode of the picture tube and the anode cap to the metal chassis. CRT shield or carbon paint on the CRT, after removing the anode.

* REMOVING PROCEDURES.

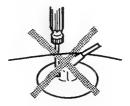


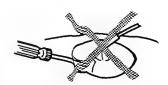
- 1 Turn up one side of the rubber cap in the direction indicated by the arrow (a)
- - Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow (b)
- Anode button
 - When one side of the rubber cap is separated from the anode button the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow ©

HOW TO HANDLE AN ANODE-CAP

- 1 Don't damage the surface of anode-cap with sharp shaped material!
- 2 Don't press the rubber hardly not to hurt inside of anode-caps!
 - A metal fitting called as shatter-hook terminal is built into the rubber.
- 3 Don't turn the foot of rubber over hardly!

 The shatter-hook terminal will stick out or damage the rubber.





SECTION 3 SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The controls and switch below should be set as follows unless otherwise noted:

CONTRAST control 80%

(or Normal by commander)

☆ BRIGHTNESS control 50%

Perform the adjustments in order as follows:

- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. Screen (G2) and White Balance

Note: Test Equipment Required.

- 1. Color bar/Pattern Generator
- 2. Degausser
- 3. DC Power Supply
- 4. Digital multimeter
- 5. Oscilloscope

Preparation:

- Set the side of the unit with the PICTURE TUBE so that it faces east or west in order to reduce the influence of external magnetic force.
- Turn the power switch for the unit ON and erase the magnetic force using a degausser.

3-1. BEAM LANDING

Demagnetize with a degausser.

1. Input a raster signal with the pattern generator.

CONTRAST | normal

- 2. Turn the raster signal of the pattern generator to red.
- Move the deflection yoke backward, and adjust with the purity control so that red is in the center and blue and green are at the sides evenly.

(Fig. 3-1 - 3-3)

- 4. Move the deflection yoke forward, and adjust so that entire screen becomes red. (Fig. 3-1)
- Switch over the raster signal to blue and blue and confirm the condition.
- 6. When the position of the deflection yoke is determined, tighten it with a deflection yoke mounting screw.
- 7. When landing at the corner is not right, adjust by using the disk magnets. (Fig. 3-4)

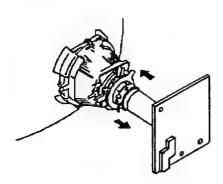


Fig. 3-1





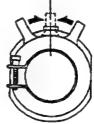


Fig. 3-3

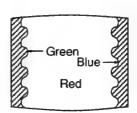
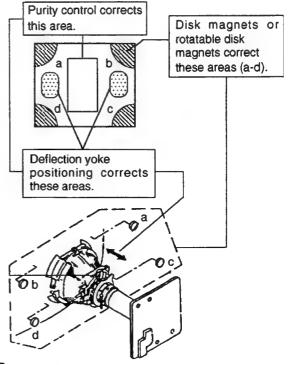


Fig. 3-4

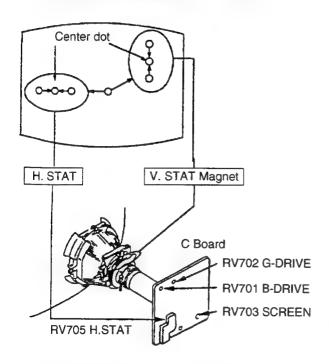


3-2. CONVERGENCE

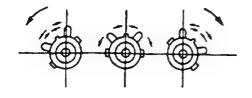
Preparation:

- Before starting, perform FOCUS, H.SIZE, and V. SIZE adjustments.
- · Set BRIGHTNESS control to minimum.
- Feed in the dot pattern.

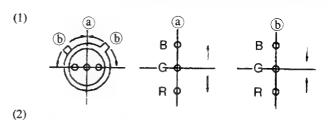
(1) Horizontal and Vertical Static Convergence

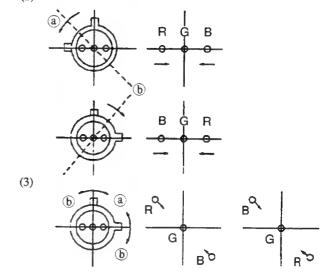


- 1. Adjust H.STAT VR to converge red, green and blue dots the in center of the screen. (Horizontal movement)
- 2. Adjust V.STAT magnet to converge red, green and blue dots in the center of the screen. (Vertical movement)
- If the red, green and blue dots do not converge on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below. (In this case, H.STAT VR and V.STAT magnet effect each other.)
- Tilt the V.STAT magnet and adjust static convergence to open or close the V.STAT magnet.



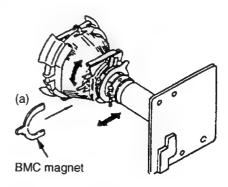
4. When the V.STAT magnet is moved in the direction of arrowsa and b the, red, green and blue dots move as shown below.





If the red and blue dot do not converge with green dots, perform following steps.

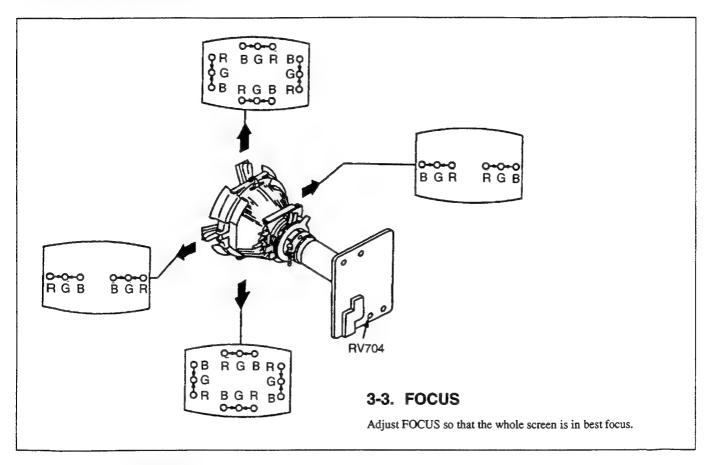
Move BMC magnet (a) to correct insufficient H.static convergence. Rotate BMC magnet (b) to correct insufficient V.static convergence. In either case, repeat Beam Landing Adjustment.

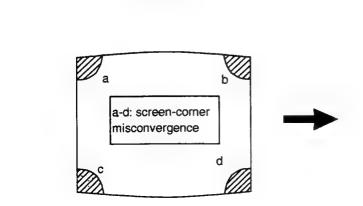


(2) Dynamic Convergence Adjustment Preparation:

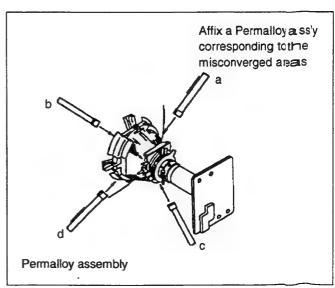
- Before starting perform Horizontal and Vertical static convergence Adjustment.
- 1. Slightly loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.

- 3. Move the deflection yoke for best convergence as shown below.
- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.

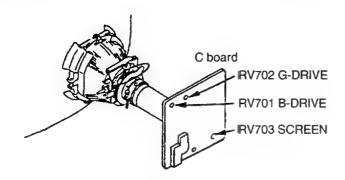




(3) Screen-corner Convergence



3-4. SCREEN (G2) and WHITE BALANCE



Screen (G2) setting

- 1. Input dot signal from the pattern generator.
- 2. Set the picture BRIGHTNESS control to minimum level.
- 3. Apply 140V DC to the cathodes of R, G and B from an external power power source.
- 4. While watching the picture, adjust the G2 volume (RV703) immediately before fly-back line disappears.

White Balance Adjustment

- 1. Input all-white signal from the pattern generator.
- Adjust the BRIGHTNESS and COLOR controls to the standard level
- Adjust the following using RV701 (B DRIVE) and RV702 (G DRIVE).

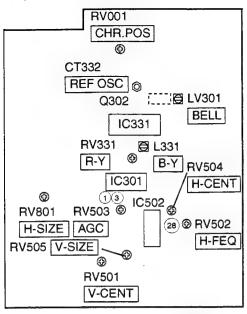
In the following adjustments, the CONTRAST, COLOR and BRIGHTNESS controls are set to normal unless otherwise specified.

SECTION 4

CIRCUIT ADJUSTMENTS

[M1400D/M1401D/M1400B]

4-1. A BOARD ADJUSTMENTS

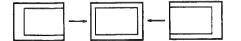


A-BOARD - Component side -

TU AGC Adjustment (RV503)

- 1. Tune in an off air signal.
- 2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

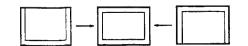
RV504 H.CENT (HORIZONTAL CENTER)



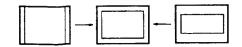
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)

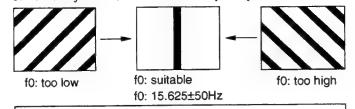


RV505 V.SIZE (VERTICAL SIZE)



H.FREQ Adjustment (RV502)

- 1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
- 2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
- 3. After adjustment, remove the electrolytic capacitor.

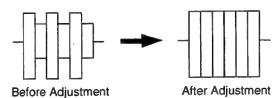


REF OSC 8.8 MHz Adjustment (CT332)

- 1. Input a PAL COLOR BAR pattern.
- Short circuit between pin (17) of IC331 and ground.
- 3. Adjust CT332 to obtain color synchronization.
- Remove the jumper wire from IC331.

BELL FILTER Adjustment (LV301)

- Input a SECAM COLOR BAR pattern.
- 2. Connect an oscilloscope to the Q302 emitter.
- 3. Adjust LV301 so that waveform becomes flat.

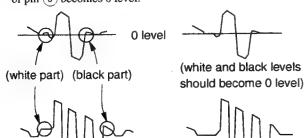


SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

1. Input a SECAM COLOR BAR pattern.

(Before Adjustment)

- 2. Connect an oscilloscope to pin (1) of IC301.
- Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
- Connect an oscilloscope to pin (3) of IC301.
- 5. Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.

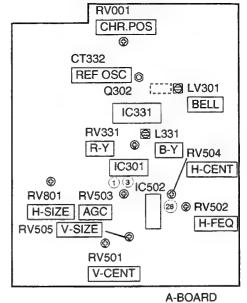


(After Adjustment)

CIRCUIT ADJUSTMENTS

[M1400K/M1401K]

4-2. A BOARD ADJUSTMENTS

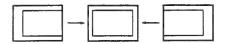


- Component side -

TU AGC Adjustment (RV503)

- 1. Tune in an off air signal.
- 2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

RV504 H.CENT (HORIZONTAL CENTER)



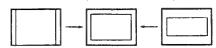
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)



RV505 V.SIZE (VERTICAL SIZE)

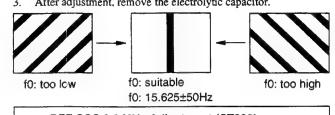


REF OSC 7.16 MHz Adjustment (CT 331)

- Input an NTSC COLOR BAR pattern.
- Short circuit between pin (28) of IC 331 and ground.
- Adjust CT 331 to obtain color synchronization.
- Remove the jumper wire from IC 331.

H.FREQ Adjustment (RV502)

- 1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
- Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
- After adjustment, remove the electrolytic capacitor.

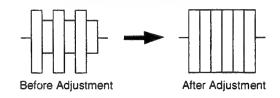


REF OSC 8.8 MHz Adjustment (CT332)

- Input a PAL COLOR BAR pattern.
- Short circuit between pin (17) of IC331 and ground.
- Adjust CT332 to obtain color synchronization.
- Remove the jumper wire from IC331.

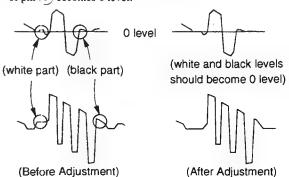
BELL FILTER Adjustment (LV301)

- Input a SECAM COLOR BAR pattern.
- Connect an oscilloscope to the Q302 emitter.
- Adjust LV301 so that waveform becomes flat.

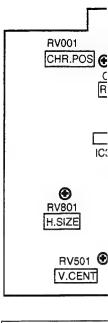


SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

- 1. Input a SECAM COLOR BAR pattern.
- Connect an oscilloscope to pin (1) of IC301.
- Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
- Connect an oscilloscope to pin (3) of IC301.
- Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.



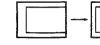
4-3. A BOARD



TU AGC Adju

- Tune in an off air
- 2. Adjust AGC VR (R just disappear from

RV504 H.CENT (HOP

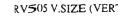


RV801 H.SIZE (HOR)



RV501 V.CENT (VER







(RV502)

325±50Hz

justment (CT332)

of IC331 and ground.

or synchronization.

ment (LV301)

he Q302 emitter.

form becomes flat.

After Adjustment

stment (RV331 R-Y L331 B-Y)

white and black parts of the waveform

hite and black parts of the waveform

(white and black levels should become 0 level)

(After Adjustment)

AR pattern.

AR pattern.

oin (1) of IC301.

oin (3) of IC301.

signal, then connect an electrolytic

stop scrolling of the picture in the

f0: too high

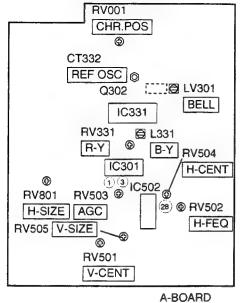
een pin (28) and GND of IC502.

e electrolytic capacitor.

CIRCUIT ADJUSTMENTS

[M1400K/M1401K]

4-2. A BOARD ADJUSTMENTS

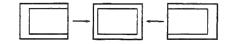


- Component side -

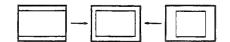
TU AGC Adjustment (RV503)

- 1. Tune in an off air signal.
- 2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

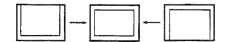
RV504 H.CENT (HORIZONTAL CENTER)



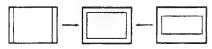
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)



RV505 V.SIZE (VERTICAL SIZE)

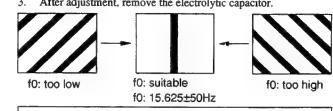


REF OSC 7.16 MHz Adjustment (CT 331)

- Input an NTSC COLOR BAR pattern.
- Short circuit between pin (28) of IC 331 and ground.
- Adjust CT 331 to obtain color synchronization.
- Remove the jumper wire from IC 331.

H.FREQ Adjustment (RV502)

- 1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
- Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
- After adjustment, remove the electrolytic capacitor.

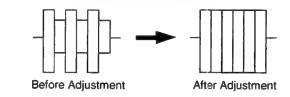


REF OSC 8.8 MHz Adjustment (CT332)

- Input a PAL COLOR BAR pattern.
- Short circuit between pin (17) of IC331 and ground.
- Adjust CT332 to obtain color synchronization.
- Remove the jumper wire from IC331.

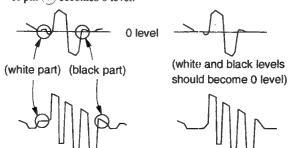
BELL FILTER Adjustment (LV301)

- Input a SECAM COLOR BAR pattern.
- Connect an oscilloscope to the Q302 emitter.
- Adjust LV301 so that waveform becomes flat.



SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

- 1. Input a SECAM COLOR BAR pattern.
- 2. Connect an oscilloscope to pin (1) of IC301.
- Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
- 4. Connect an oscilloscope to pin (3) of IC301.
- Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.

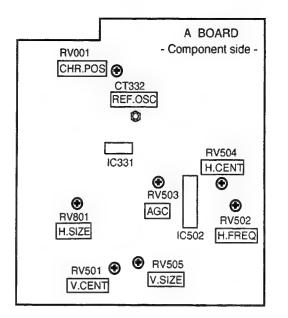


(After Adjustment)

CIRCUIT ADJUSTMENTS

[M1400U/M1401U/M1400L/M1400A/M1400E]

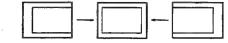
4-3. A BOARD ADJUSTMENTS



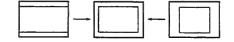
TU AGC Adjustment (RV503)

- Tune in an off air signal.
- Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

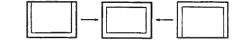
RV504 H.CENT (HORIZONTAL CENTER)



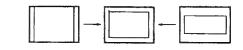
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)

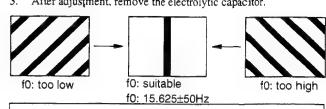


RV505 V.SIZE (VERTICAL SIZE)



H.FREQ Adjustment (RV502)

- 1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
- Adjust RV502 (H.FREQ) to stop scrolling of the picture in the
- After adjustment, remove the electrolytic capacitor.



REF OSC 8.8 MHz Adjustment (CT332)

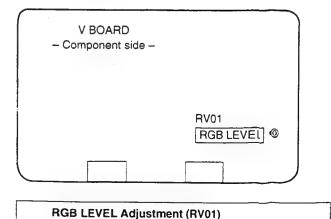
- Input a PAL COLOR BAR pattern
- Short circuit between pin (11) of IC331 and ground.
- Adjust CT332 to obtain color synchronization.
- Remove the jumper wire from IC331.

CHARACTER POSITION Adjustment [RV001] [All Models]

- 1. Input a PAL COLOR BAR pattern
- Adjust RV001 to position the character display at the point indicated by the arrow below.



4-4. V BOARD ADJUSTMENT [M14O1 Models only]



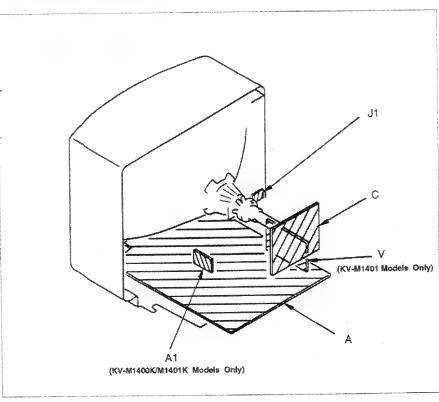
1. Set PICTURE to maximum.

- 2. Adjust RV01 till the RGB output becomes maxinux m.

(Before Adjustment)

A SYSTEM CONTROL H/V OUT, MEMORY, CHROMA

5-1. CIRCUIT BOARD LOCATION



All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytic and tantalums.

All resistors are in ohms.

 $k\Omega = 1000\Omega$, $M\Omega = 1000K\Omega$

Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5 mm Rating electrical power 4 W

nonflammable resistor.

: internal component.

panel designation, or adjustment for repair.

All variable and adjustable resistors have characteristic curve

B, unless otherwise noted.

: earth - ground.

earth - chassis.

; no mounted.

Note: The components identified by shading and marked are critical for safety. Replace only with part number specified.

Reference information

MCICI CHCC MILOTH	ARREST CAN	
RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	: ×	ADJUSTABLE RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	:PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

Readings are taken with a colour-bar signal input

Readings are taken with $10M\Omega$ digital multimeter. Voltages are do with respect to ground unless otherwise noted. Voltage variations may be noted due to normal production.

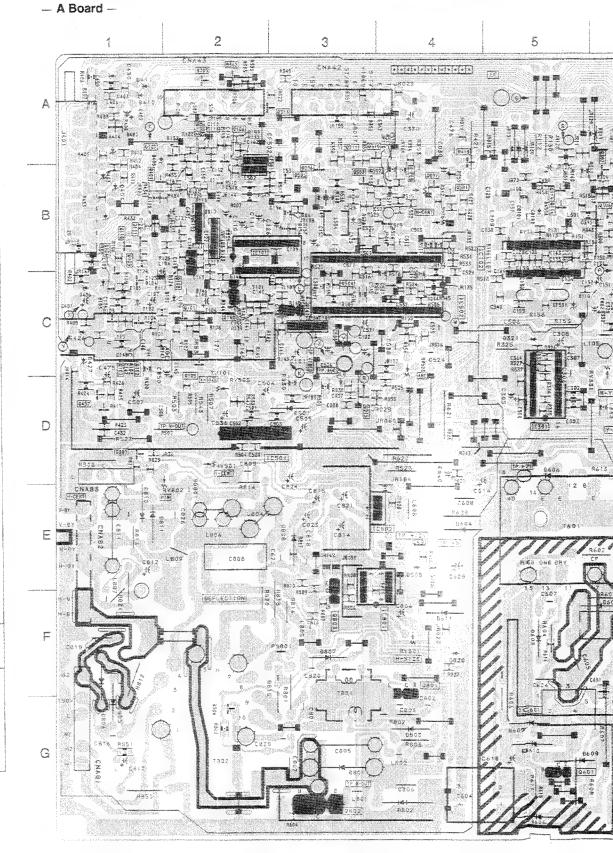
All voltages are in V.

Circled numbers are waveform references.

; B+ bus.

5-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS.

DIODE	DIO	DE	TRANSISTOR		
D002 E-10	D604	E-4	Q001	D-8	
D004 C-9	D605	E-6	Q003	C-9	
D007 B-8	D606	D-5	Q004	D-10	
D008 D-10	D607	G-5	Q005	B-8	
D009 B-8	D608	H-5	Q006	C-8	
D011 E-8	D609	G-5	Q007	B-4	
D020 B-8	D610	G-5	Q015	D-3	
D110 C-5	D611	F-4	Q016	D-10	
D301 C-6	D801	G-3	Q017	E-9	
D302 A-2	D802	H-4	Q019	D-10	
D303 B-6	D803	G-4	Q020	D-8	
D305 A-2	D805	G-1	Q104	C-1	
D306 B-6	D806	F-1	Q106	A-2	
D313 A-3	D807	F-3	Q107	A-2	
D321 C-5	D808	E-3	Q112	A-7	
D324 A-7	D810	E-1	Q114	B- 5	
D334 B-6	D811	E-1	Q115	A-6	
D402 A-1	D820	F-4	Q123	A-2	
D403 B-1		***********	Q141	C-3	
D404 B-1	IC	•	Q302	C-7	
D405 A-1	IC001	C-9	Q304	B-6	
D406 C-1	IC002	D-9	Q305	B-6	
D411 A-1	IC003	D-10	Q307	B-6	
D417 D-1	IC004	E-9	Q310	A-3	
D418 A-4	IC005	8-8	Q311	A-3	
D426 C-1	IC102	B-5	Q401	B-1	
D427 C-1	IC201	F-8	Q457	D-1	
D450 B-5	IC301	D-5	Q504	C-3	
D501 D-3	IC302	B-7	Q505	8-3	
D503 E-4	IC331	C-7	Q601	G-5	
D504 G-2	IC501	D-2	Q801	F-4	
D519 C-8	IC502	C-4	Q802	H-3	
D601 F-7	IC601	G-5	Q803	F-3	
D602 F-6	IC801	F-3			
D603 F-5	IC802	E-4	V/ADI/	DIE	
	TRIM	MER	VARIABLE RESISTOR		
	CT331	C8	RV001	D-9	
	CT332		RV501	D-2	
		-	RV502	_	
			RV503		
			RV505		
			RV80		



A SYSTEM CONTROL H/V OUT, MEMORY, CHROMA

NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

5-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS.

— A Board

DIO	DE	DIOI	DE	TRANSI	STOR		
D002	E-10	D604	E-4	Q001	D-8		
D004	C-9	D605	E-6	Q003	C-9		
D007	B-8	D606	D-5	Q004	D-10		
D008	D-10	D607	G-5	Q005	B-8		
D009	B-8	D608	H-5	Q006	C-8		
D011	E-8	D609	G-5	Q007	B-4		
D020	B-8	D610	G-5	Q015	D-3		
D110	C-5	D611	F-4	Q016	D-10		
D301	C-6	D801	G-3	Q017	E-9		
D302	A-2	D802	H-4	Q019	D-10		
D303	B-6	D803	G-4	Q020	D-8		
D305	A-2	D805	G-1	Q104	C-1		
D306	B-6	D806	F-1	Q106	A-2		
D313	A-3	D807	F-3	Q107	A-2		
D321	C-5	D808	E-3	Q112	A-7		
D324	A-7	D810	E-1	Q114	B-5		
D334	B-6	D811	E-1	Q115	A-6		
D402	A-1	D820	F-4	Q123	A-2		
D403	B-1	10	•	Q141	C-3		
D404	B-1	IC		Q302	C-7		
D405	A-1	IC001	C-9	Q304	B-6		
D406	C-1	IC002	D-9	Q305	B-6		
D411	A-1	IC003	D-10	Q307	B-6		
D417	D-1	IC004	E-9	Q310	A-3		
D418	A-4	IC005	B-8	Q311	A-3		
D426	C-1	IC102	B-5	Q401	B-1		
D427	C-1	IC201	F-8	Q457	D-1		
D450	B-5	IC301	D-5	Q504	C-3		
D501	D-3	IC302	B-7	Q505	B-3		
D503	E-4	IC331	C-7	Q601	G-5		
D504	G-2	IC501	D-2	Q801	F-4		
D519	C-8	IC502	C-4	Q802	H-3		
D601	F-7	IC601	G-5	Q803	F-3		
D602	F-6	IC801	F-3				
D603	F-5	IC802	E-4	VARIA	ABLE		
		TRIM	MER	RESIS	RESISTOR		
		CT331	C8	RV001	D-9		
		CT332	C8	RV501	D-2		
		an side agreed		RV502	B-4		
		0		RV503	3 C-4		
		9		RV505	D-2		
				RV801	F-4		

BLE CARBON
BLE FUSIBLE
BLE METAL OXIDE
BLE CEMENT
BLE WIREWOUND
RESISTOR

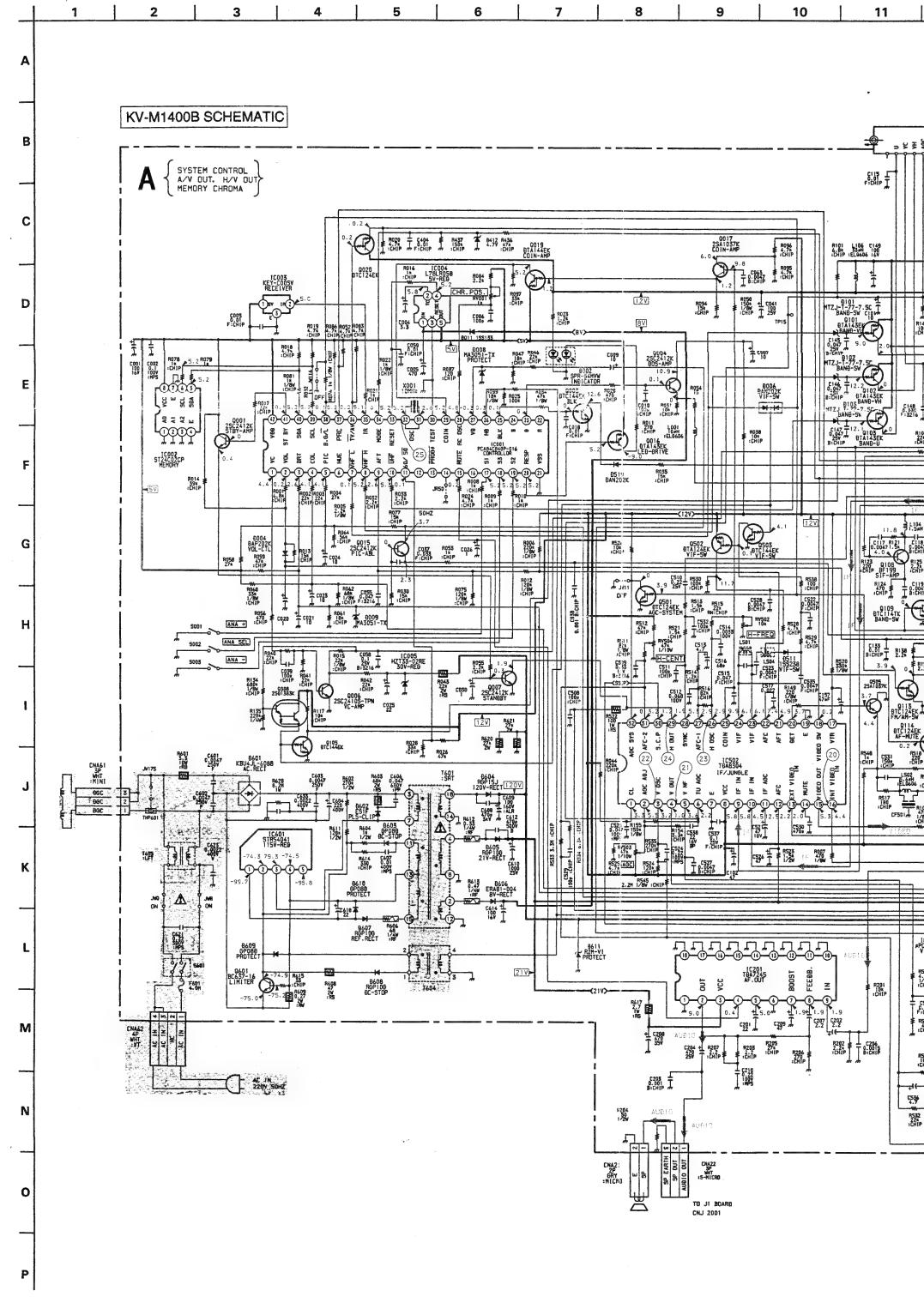
LENE

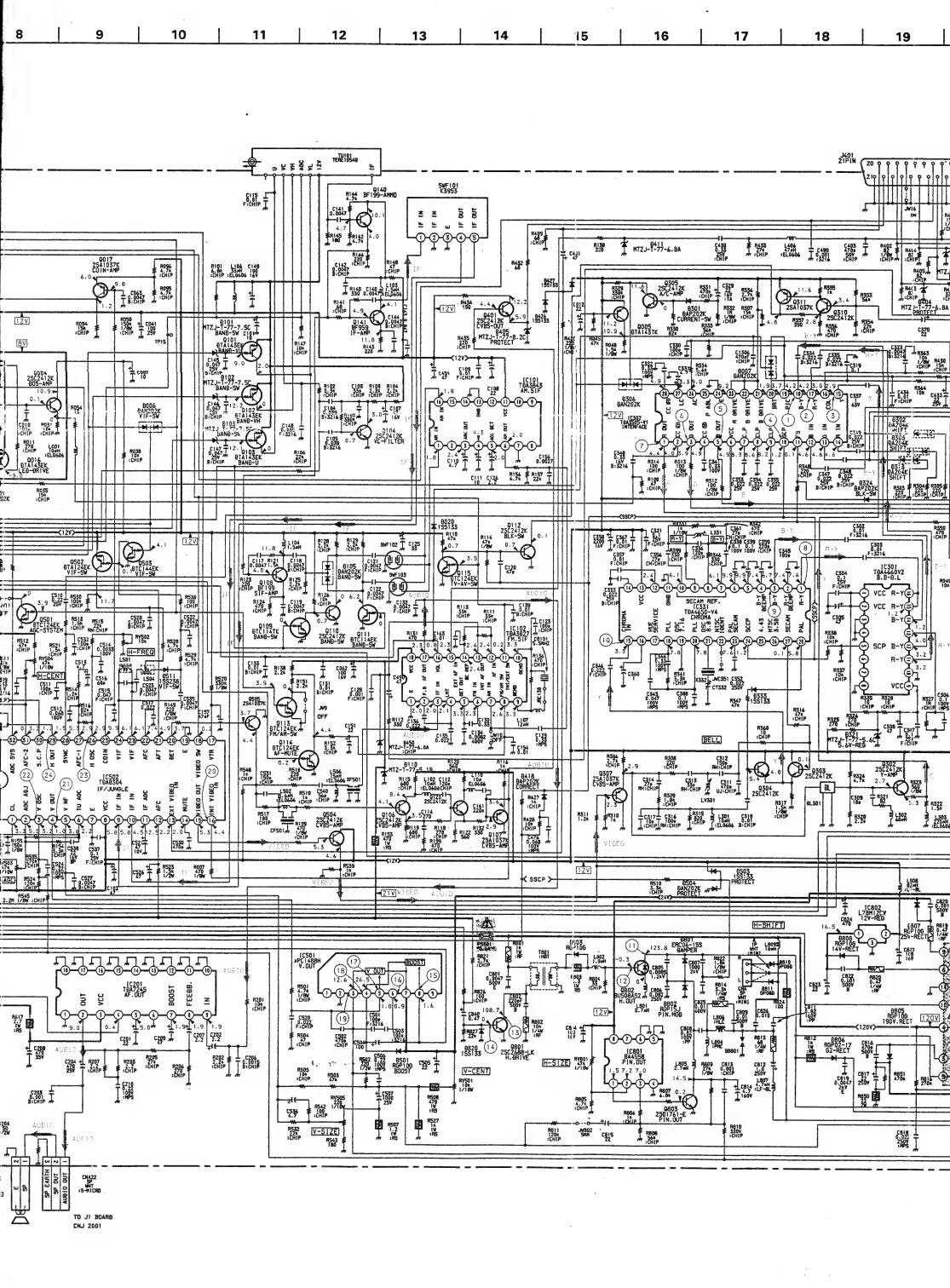
POLYESTER POLYPROPYLENE

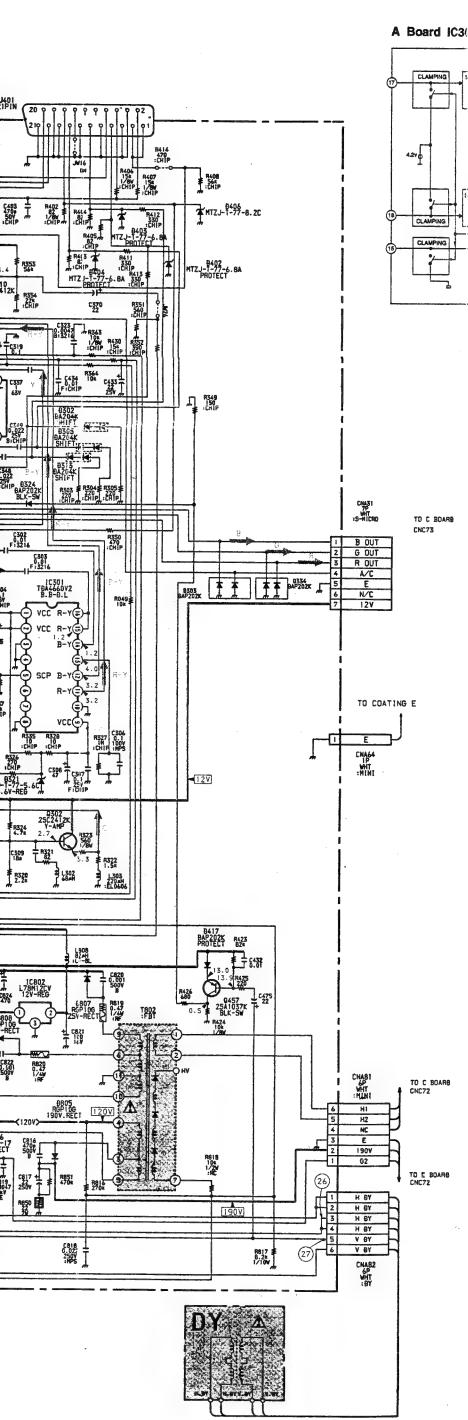
RATURE

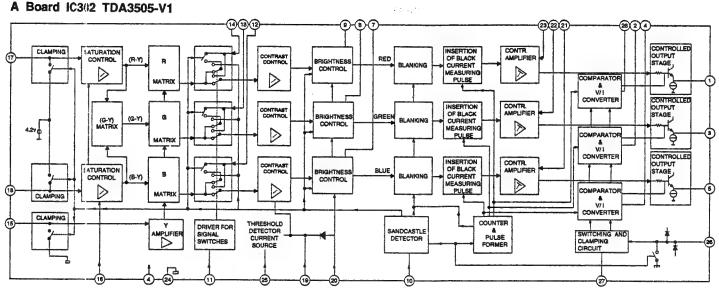
therwise noted.

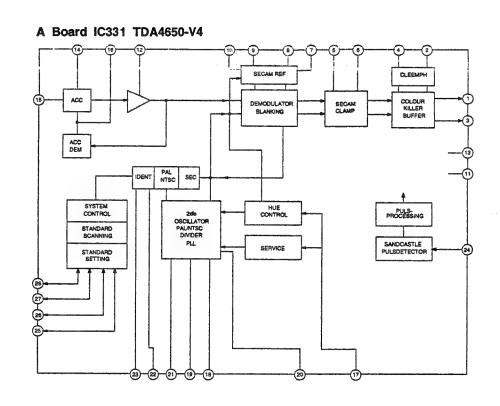
A Board —									
*	2	3	4	5	6	****	8	9	10
THE SELLON		CHAAS, .	NAME OF THE PERSON OF THE PERS			6x8-1:: ② 1-646-6	SZ-110/ BRISS III T		
) 12°	
346日本工作の第二年				基础制造的					
一种		9565 9555 9555 PER		1872 T 190 T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
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8427		2 minsty (68) 2 L 3 . 050	1053			200			C004
F8423 [FF 4-007] (FS12)	1 C556 C507 T	I I		FC301) - C12	(X-CHFORA)		0 1 ■ 1 2:002		1 C049 C007 4 C
96091 — 1 800 9823 85 VB C — 2 — 9823	#504 (520 (10501) -\$94501 (8894 (10501)		RAZE 2 2 1	DP-77 USAG NO	SON	¥ 6335 <u>ur</u> 7			teos L
CNA82 NA82 S	3814		Unite		6612 L				
		# (#)	R629 9604	1 0 200	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	OK CNA64			
	Cane 12 L	†2		//////////////////////////////////////					
-97 C 2512		1900	1 0503 E CA09	DO DE	0	F			11/1
	BEFLECTION E				POWER SUPPLY		R205 H R207		7
3) Pses				THP601	C603 C603	人 ¹ 。0	10201	
MS- P		5807	PYSULE L SECOND			C602 AC .	C638		
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Care west	C925	Cars O	<u>0803</u> #503 ₩	9610 9629 C618 46 9629	2 C652 C H		F-9627		
* U 3 . * 3	7802		T606 3	2 EAD1	BOT	7 TABS	7608	S CNA62 P	400-Annicon in 600-5
		A Geo.	6802 T604	1/1/12	80C	11000	1 1 1 1	11/1/1/	for any series of the series o
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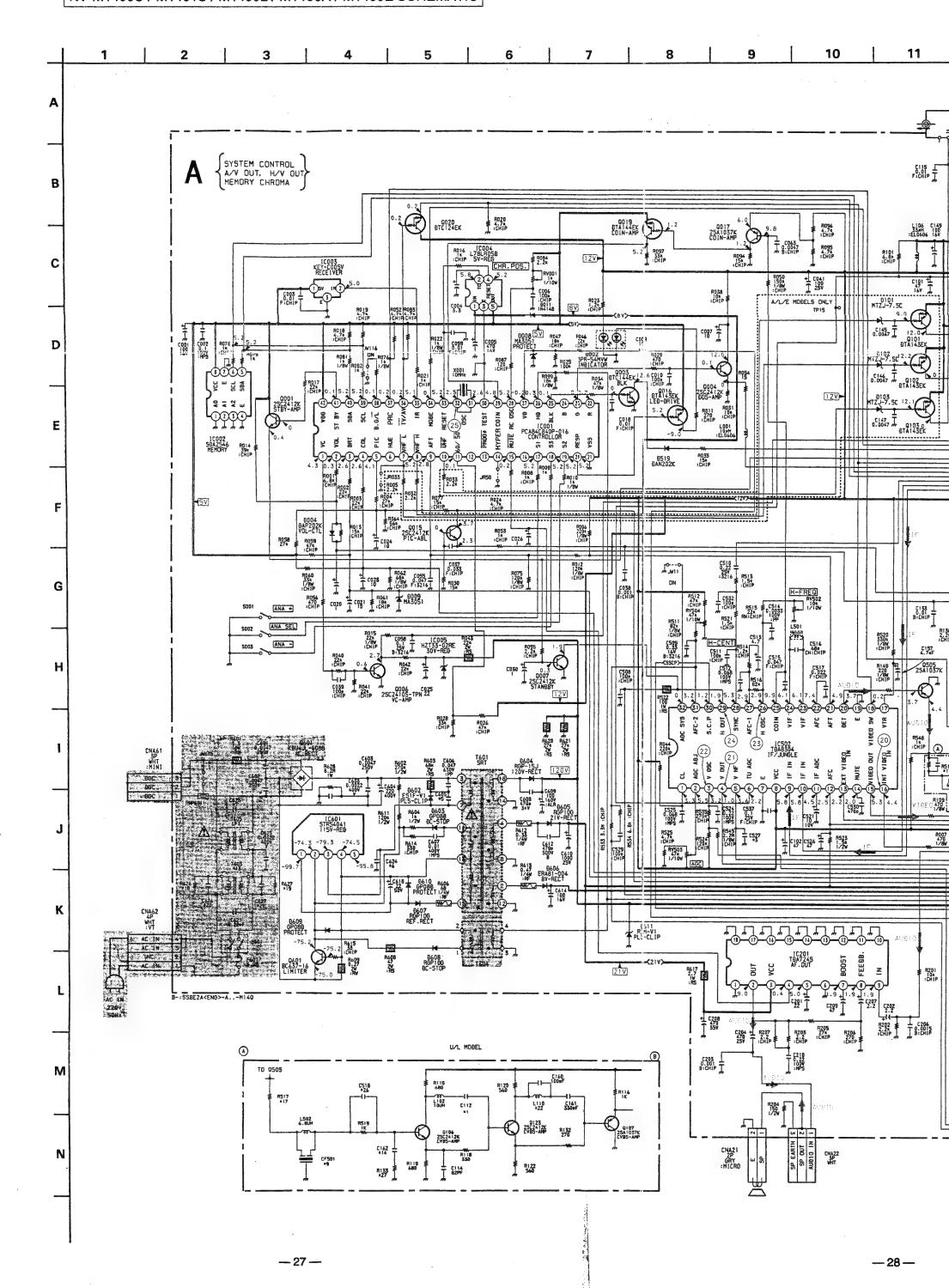


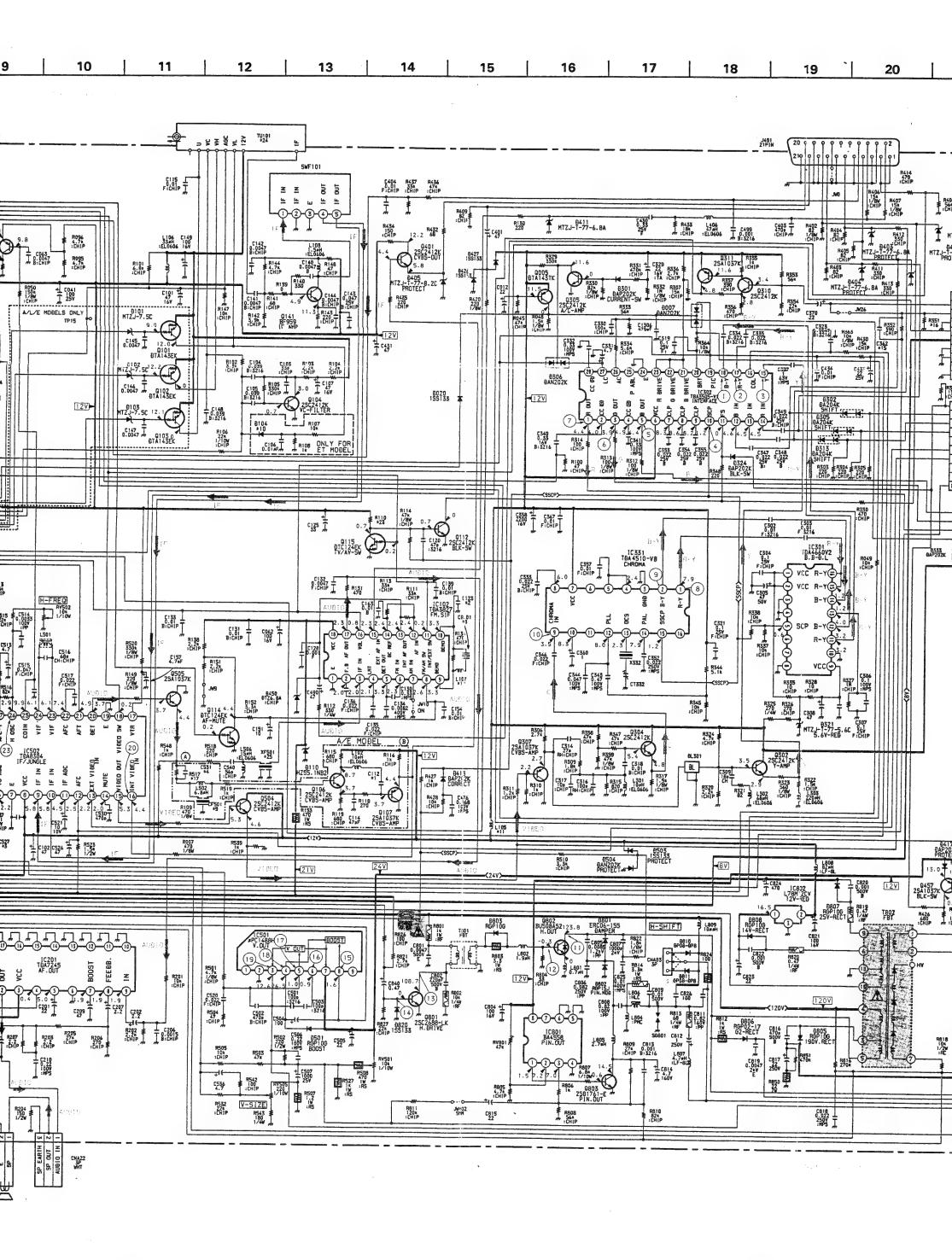


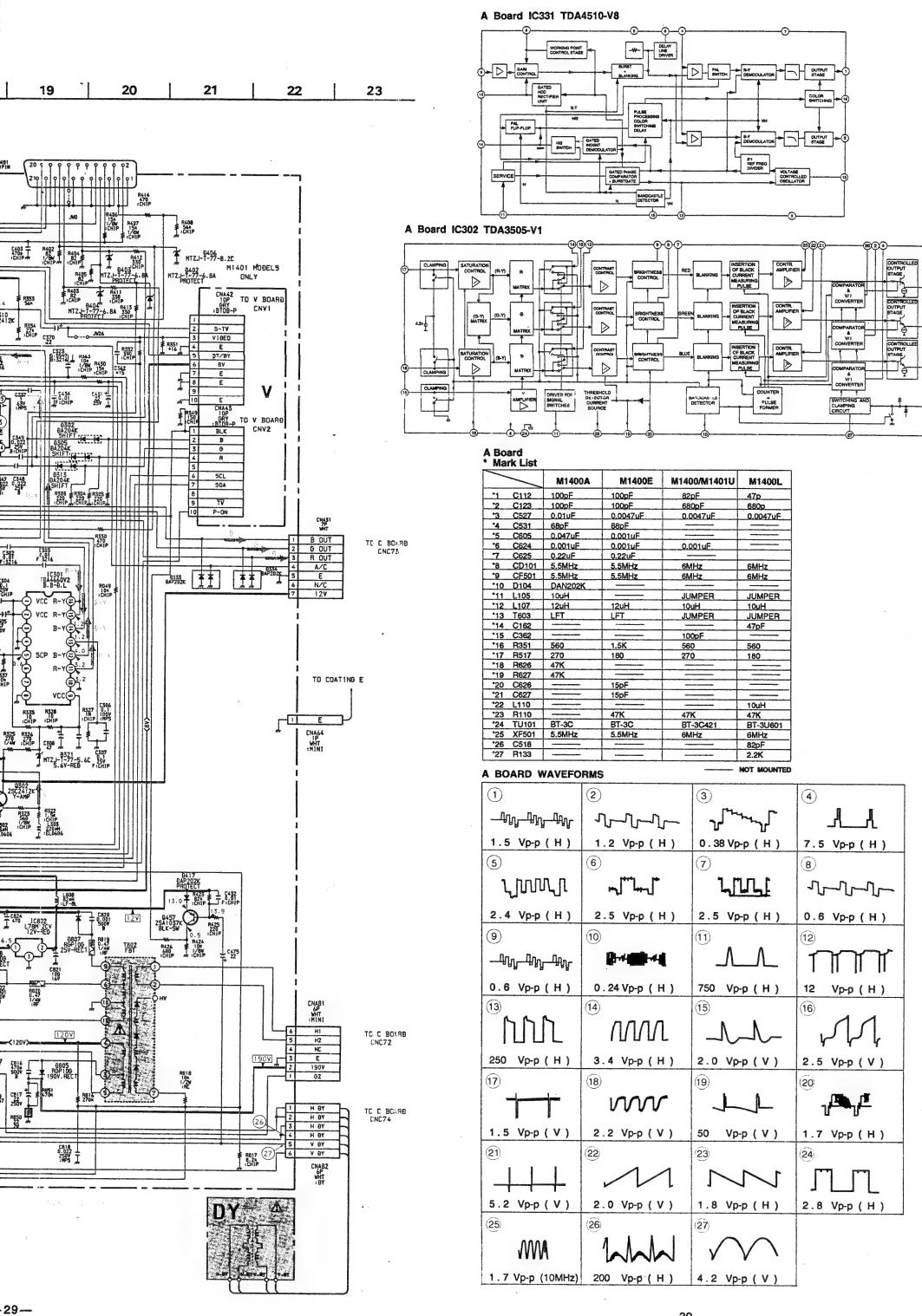


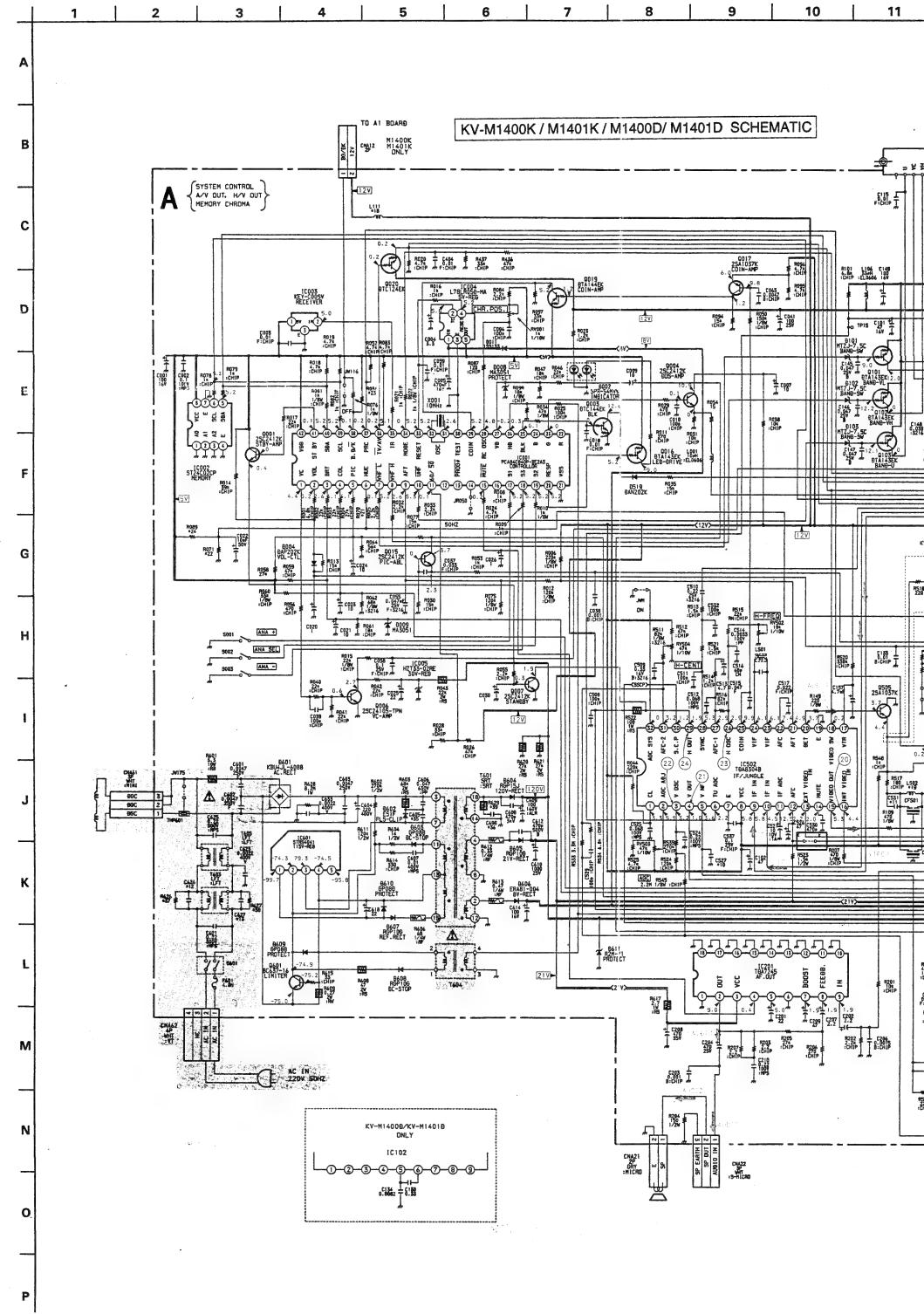
A BOARD WAVEFORMS

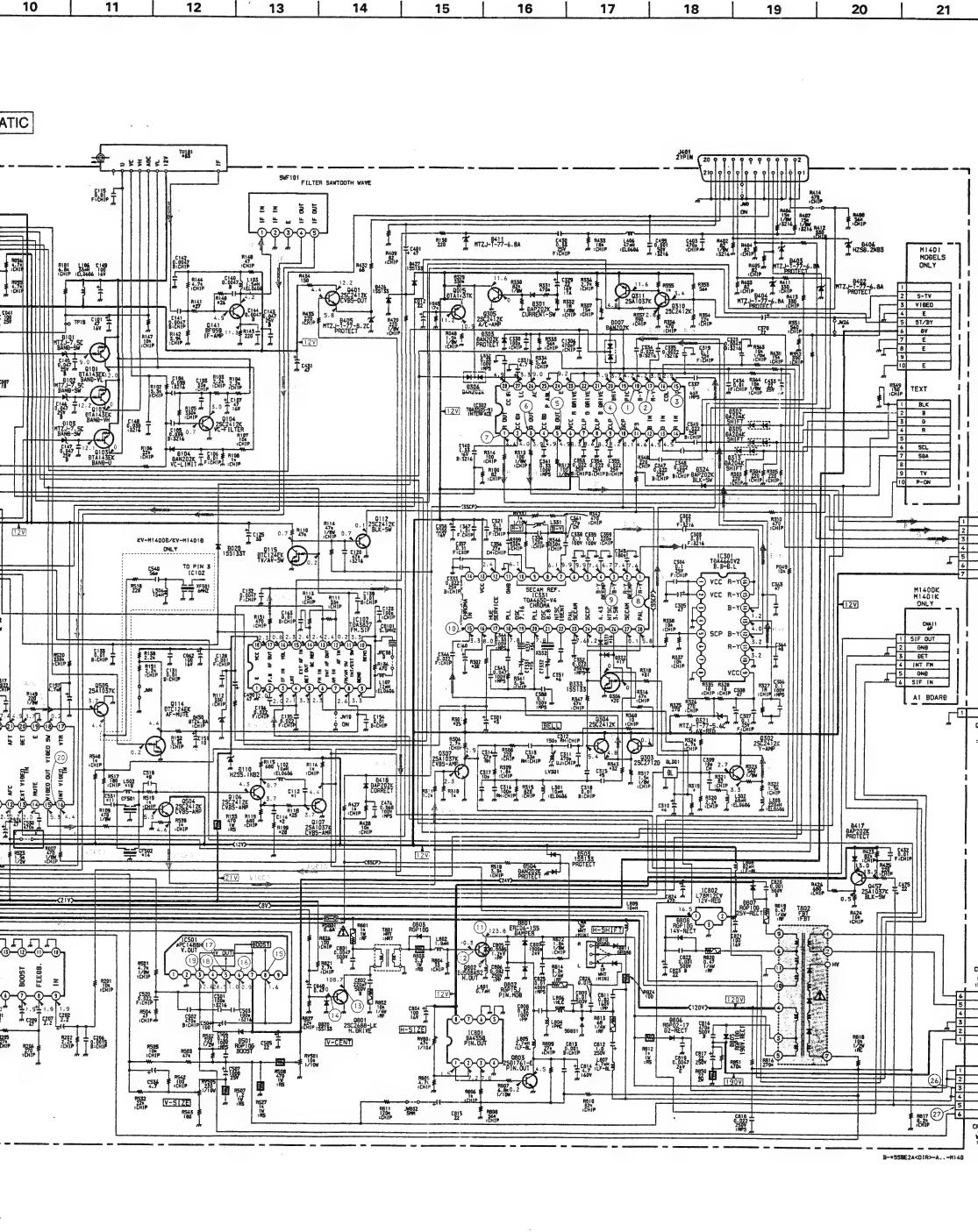
A BOARD WAVEFO	NINIS .		
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<u> - ՄՆԻ ՄՆԻ ԾՆԻ</u>	www	John Jan	_/\/_
1.5 Vp-p (H)	1.2 Vp-p (H)	0.38 Vp-p (H)	7.5 Vp-p (H)
(5)	6	7	8
floor i	m/m/m-//*	7177	www
2.4 Vp-p (H)	2.5 Vp-p (H)	2.5 Vp-p (H)	0.6 Vp-p (H)
9	10	11)	12)
-ար-արդ-արդ-	D-4	_//_	11111
0.6 Vp-p (H)	0.24 Vp-p (H)	750 Vp-p (H)	12 Vp-p (H)
13	14	15)	16
	MM	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
250 Vp-p (H)	3.4 Vp-p (H)	2.0 Vp-p (V)	2.5 Vp-p (V)
17	18)	19	20
1	VVV	1-1-	
1.5 Vp-p (V)	2.2 Vp-p (V)	50 Vp-p (V)	1.7 Vp-p (H)
21)	22	23	24
1-1-1-		77	
5.2 Vp-p (V)	2.0 Vp-p (V)	1.8 Vp-p (H)	2.8 Vp-p (H)
25	26	27)	
M	14h	$\wedge \wedge \wedge$	
1.7 Vp-p (10MHz)	200 Vp-p (H)	4.2 Vp-p (V)	

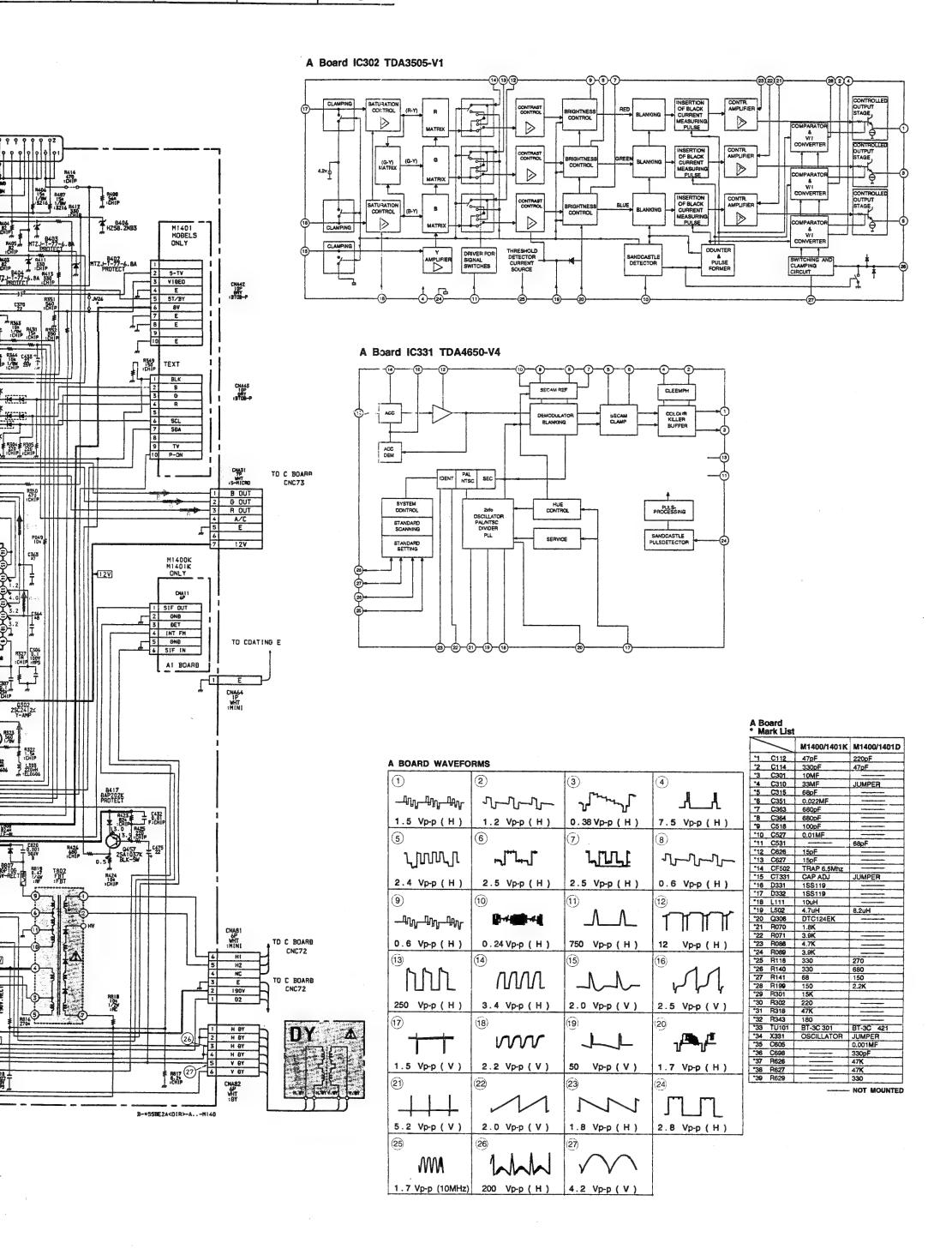














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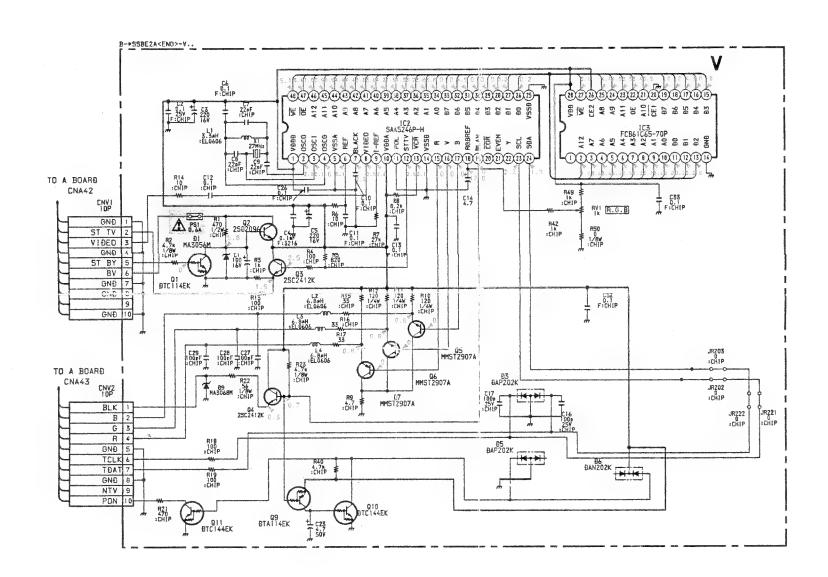
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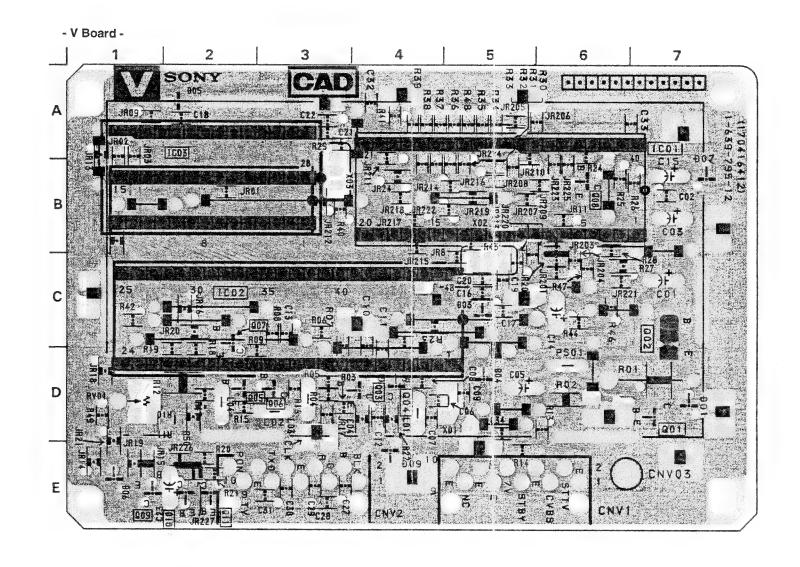
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V TEXT

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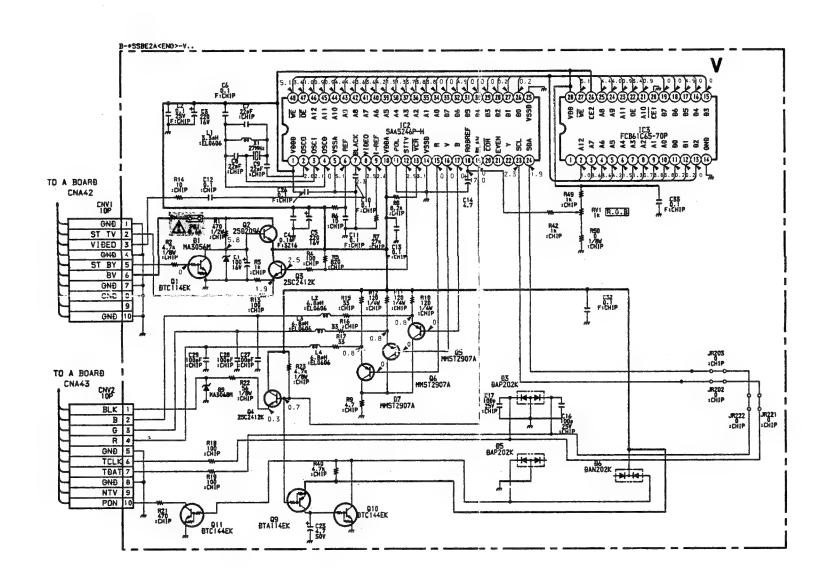
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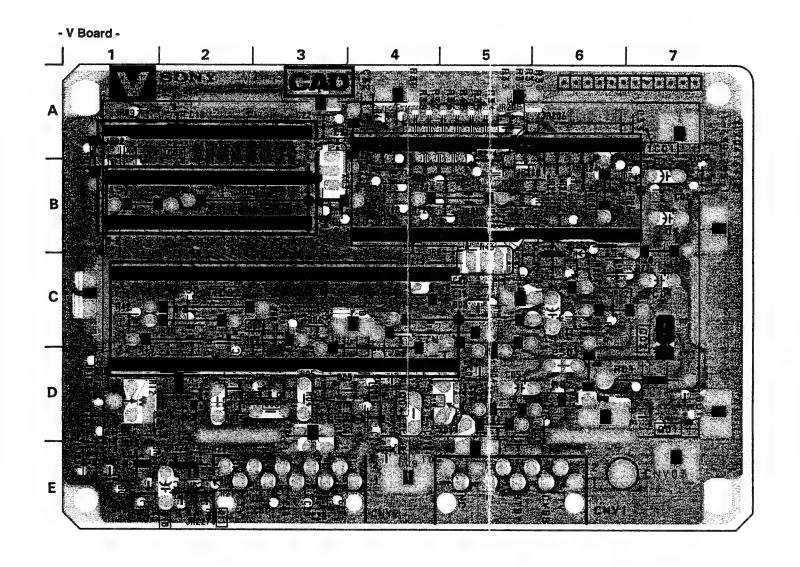


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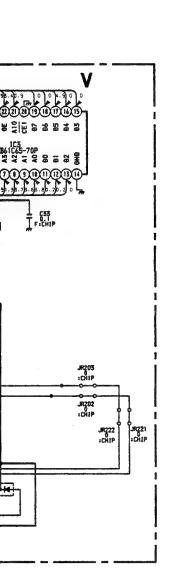
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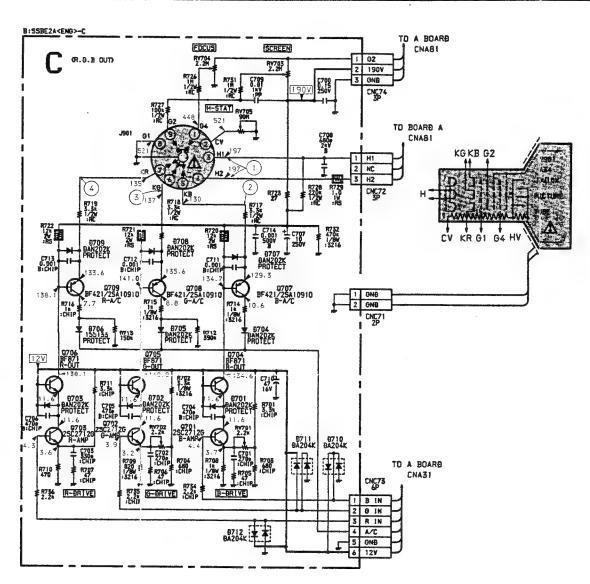
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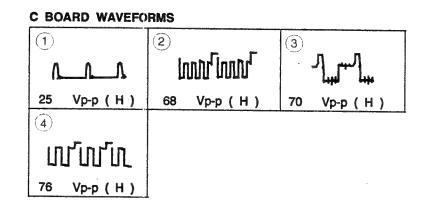
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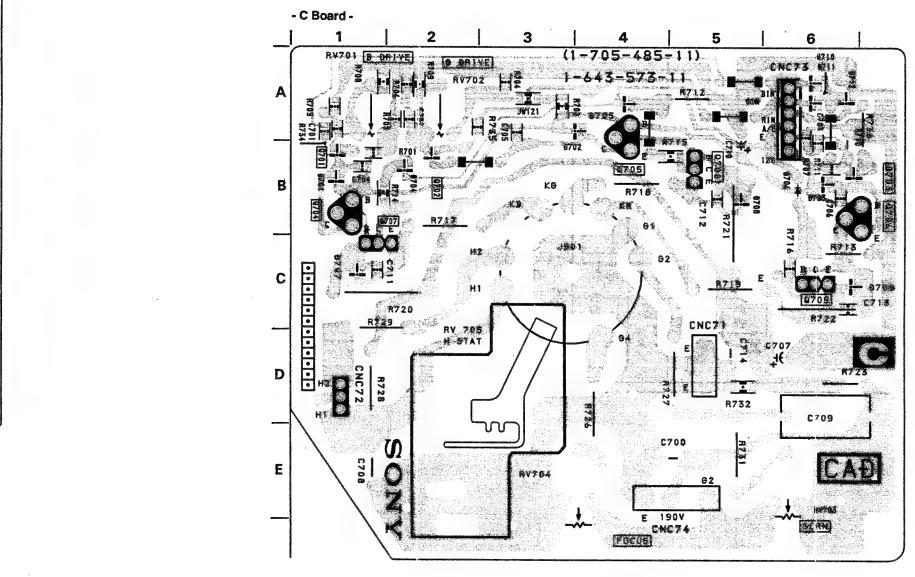






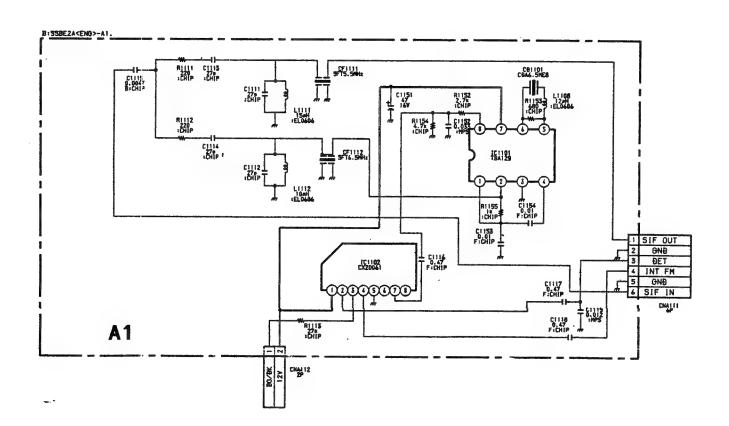


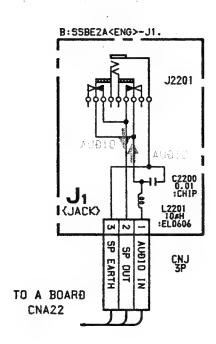


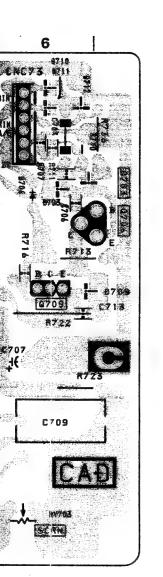


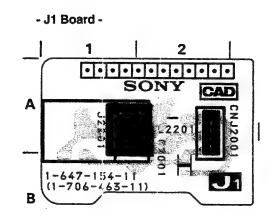
<u>- 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28</u>

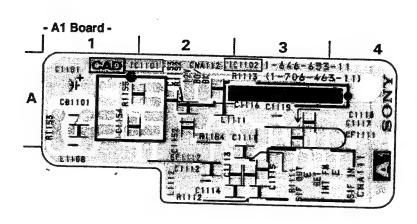


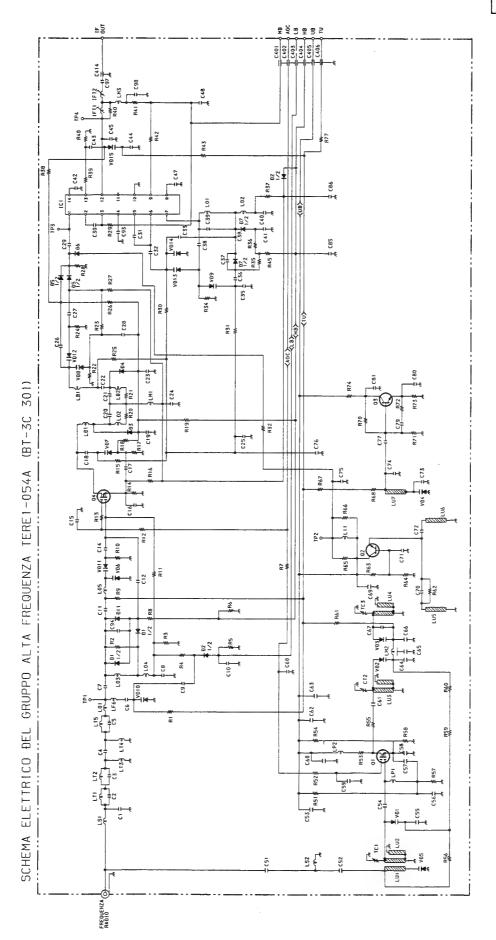




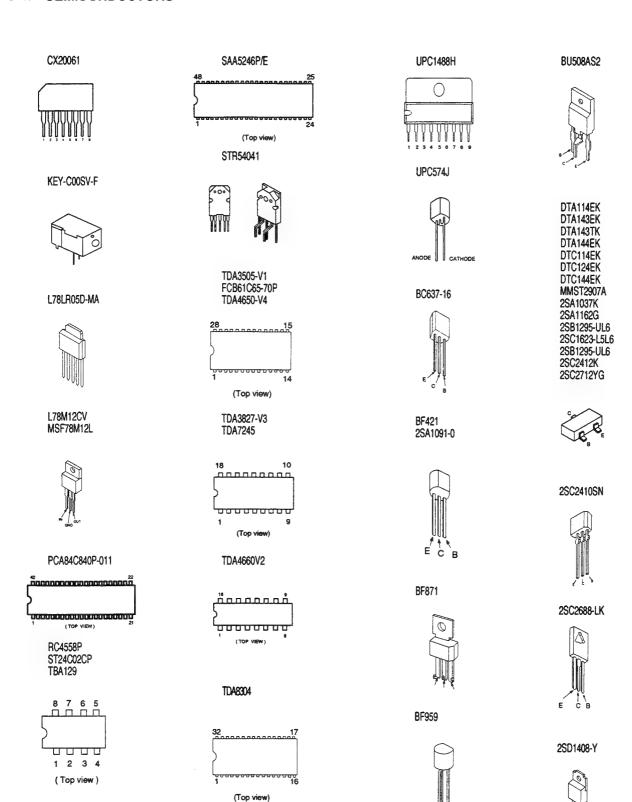








5-4. SEMICONDUCTORS



2SD2096-EF



DAN202K MA152WK





DA204K 1SS226





DAP202K 1S2836





UZ-5.1BSB RGP02-17 RGP10G RU-3AM ERC06-15S R2M



ERA83-006 RD5.1ES-B2 RD5.6ES-B2 RD6.8ES-B2 RD8.2ES-B3 1SS168 UZ-4.7BSC HZS5.1MB2 HZS7.5MB3 HZS8.2NB3



GP08D U05G



KBU4JL-6088 RBV-406H-01



MA3051 MA3056M MA3068M RD5.1M-B2 RD5.6M-B2 RD6.8M-B2





SPR-54MVW



SECTION 6

Items marked " * " are not stocked since shading and marked $rianlge \Delta$ are critical for safety. service. Some delay should be anticipated Replace only with part number specified.

EXPLODED VIEWS

they are seldom required for routine when ordering these items.

remplacer que par une piece portant le numero specifie. The components identified by

Les composants identifies par une trame et une marque \triangle sont critiques pour la securite. Ne les

CHASSIS

for routine service.

remarks column.

NOTE:

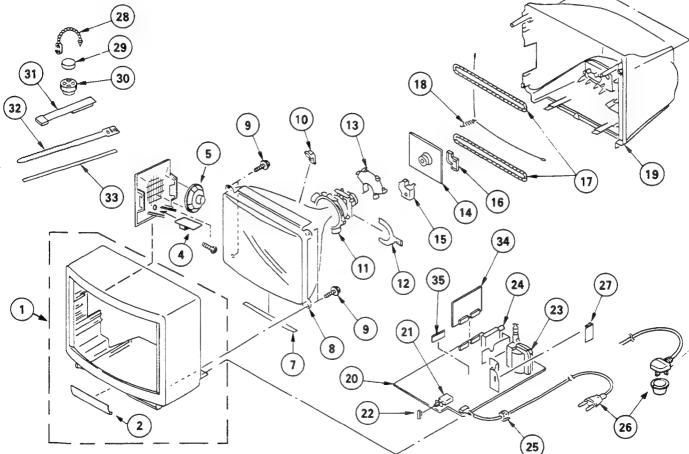
BVTP 3x12 7-685-648-79 BVTP 4x16 7-685-663-79 7-685-646-79 : BVTP 3x8 28 32

Items with no part number and no description

The construction parts of an assembled part

are indicated with a collation number in the

are not stocked because they are seldom required



REF.NC	D. PART NO	DESCRIPTION	REMARK	REF.NO.	PART NO	DESCRIPTION	REMARK
1	X-4200-126-1	CABINET, ASSY [BLACK] KV-M1400U, KV KV-M1400D, KV KV-M1400K, KV KV-M1400L	-M1401D	2	4-202-311-01	WINDOW, ORNAMENTAL KV-M1400U, KV KV-M1400D, KV KV-M1400K, KV KV-M1400L	7-M1401D
	X-4200-124-1	CABINET, ASSY [BLACK] KV-M1400A, KV KV-M1400E	-M1400B		4-202-298-01	WINDOW, ORNAMENTAL KV-M1400A, KV KV-M1400E	7-M1400B
	X-4200-126-2	CABINET,ASSY [WHITE] KV-M1400U,KV KV-M1400D	-M1401U				

Les composants identifies par une trame et une marque 🛦 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO. PART NO	DESCRIPTION REMARK	REF.NO. PART NO	DESCRIPTION REMARK
4 * 1-647-154-11 5 1-544-374-11 7 4-389-350-01 8 A 8-735-555-05 9 4-365-808-01 10 3-704-495-01	J1, BOARD SPEAKER CUSHION, CRT PICTURE TUBE [A34JBU10X] SCREW [S], TAPPING SPACER, DY	22 4-202-329-01 4-202-329-11 23	BUTTON, POWER [BLACK] BUTTON, POWER [WHITE] TRANSFORMER ASSY, FLYBACK[UX-1620] TUNER [BT-3C] KV-M1400A, KV-M1400B KV-M1400E, KV-M1400K
11	DEFLECTION, YOKE [Y14NDA2] MAGNET, BMC HOLDER, LEAD C BOARD, COMPLETE	1-693-093-11	KV-M1401K TUNER [BT-3C421] KV-M1400D,KV-M1401D KV-M1400L
13 4 11 1000 022 11	KV-M1400K, KV-M1401K KV-M1400D, KV-M1401D	1-465-542-13	TUNER [BT-3U601] KV-M1400U, KV-M1401U
	KV-M1400U, KV-M1401U KV-M1400L	25 A 4-389-201-03	HOLDER, AC CORD KV-M1400K, KV-M1401K
* A-1638-035-A	C BOARD, COMPLETE KV-M1400B,KV-M1400E KV-M1400A		KV-M1400D, KV-M1401D KV-M1400U, KV-M1401U KV-M1400L
15 * 4-374-912-01 16 * 4-374-913-01 17	COVER [MAIN], CV VOL COVER [REAR LID], CV VOL COIL, DEGAUSSING	Å 4-389-201-11	HOLDER, AC CORD KV-M1400A, KV-M1400B KV-M1400E
17 A3 1-420-143-21 18 4-369-318-00 19 4-202-331-01	SPRING, TENSION COVER, REAR [BLACK]	26 A 1-690-296-11	CORD, POWER [WITH NOISE FILTER] KV-M1400A
	KV-M1400K,KV-M1401K KV-M1400D,KV-M1401D KV-M1400U,KV-M1401U KV-M1400L	△ 1-590-501-11 △ 1-590-460-11	CORD, POWER [WITH NOISE FILTER] KV-M1400D, KV-M1401D CORD, POWER [WITH CONNECTOR] KV-M1400K, KV-M1401K
4-202-304-01	COVER, REAR [BLACK] KV-M1400B, KV-M1400E KV-M1400A	å 1-690-270-11	KV-M1400E CORD, POWER [WITH CONNECTOR] KV-M1400B
4-202-331-11	COVER, REAR [WHITE] KV-M1400U,KV-M1401U KV-M1400D	⚠ 1-590-762-11	CORD, POWER {WITH PLUG} KV-M1400U,KV-M1401U KV-M1400L
20 * A-1632-130-A * A-1632-125-A * A-1632-128-A * A-1632-127-A	A BOARD, COMPLETE [KV-M1400A] A BOARD, COMPLETE [KV-M1400B] A BOARD, COMPLETE [KV-M1400D] A BOARD, COMPLETE [KV-M1401D]	27 * 4-200-400-01 28 4-308-870-00 29 1-452-032-00 30 1-452-094-00	PLATE, INSULATION CLIP, LEAD WIRE MAGNET, DISK;10MM MAGNET, ROTATABLE DISK;15MM
* A-1632-129-A * A-1632-134-A * A-1632-133-A * A-1632-132-A	A BOARD, COMPLETE [KV-M1400E] A BOARD, COMPLETE [KV-M1400K] A BOARD, COMPLETE [KV-M1401K] A BOARD, COMPLETE [KV-M1400L]	31	PERMALLOY ASSY, CONVERGENCE BAND, BINDING CLAMP V BOARD, COMPLETE
* A-1632-126-A * A-1632-112-A	A BOARD, COMPLETE [KV-M1400U] A BOARD, COMPLETE [KV-M1401U]	* A-1645-020-A	KV-M1401D,KV-M1401U V BOARD, COMPLETE KV-M1401K
21 🕭 1-571-433-12	SWITCH, PUSH [AC POWER]	35 * A-1630-147-A	A1 BOARD, COMPLETE KV-M1400K, KV-M1401K

specified.

The components identified by shading and marked $\hat{\Delta}$ are critical for safety. Replace only with part number

Les composants identifies par une trame et une marque 🗘 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

ELECTRICAL PARTS LIST SECTION 7

Items marked "* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

All variable and adjustable resistors have characteristic curve B, unless

When indicating parts by reference number, please include the board name.

CAPACITORS MF : μF, PF : μμF

COILS MMH: mH, UH: µH

otherwise noted. RESISTORS

- All resistors are in ohms
- F: nonflammable

KV-M1400K KV-M1401K

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	*A-1630-147-A	A1 BOARD, COMPLETE (MI	.400K/M1401K ONLY)	R1154 R1155	1-216-065-00 1-216-049-00	METAL GLAZE 1K	5% 1/10W 5% 1/10W
	<conn< td=""><td>ECTOR></td><td></td><td></td><td>*A-1632-134-A</td><td>A BOARD, COMPLETE</td><td>(KV-M1400K)</td></conn<>	ECTOR>			*A-1632-134-A	A BOARD, COMPLETE	(KV-M1400K)
CNA111 CNA112	*1-568-877-51 *1-573-787-11	PIN, CONNECTOR 2P SOCKET, CONNECTOR 6P			*A-1632-133-A	A BOARD, COMPLETE	(KV-M1401K)
	<capa< td=""><td>CITOR></td><td></td><td></td><td>+> 1620 100 ></td><td>1 DOLDD 001001 DMD</td><td>(rev. w1400m)</td></capa<>	CITOR>			+> 1620 100 >	1 DOLDD 001001 DMD	(rev. w1400m)
C1111 C1112	1-163-103-00 1-163-103-00	CERAMIC CHIP 27PF	5% 50V 5% 50V			A BOARD, COMPLETE	(KV-M1400D)
C1113 C1114 C1115	1-163-103-00 1-163-103-00 1-163-017-00	CERAMIC CHIP 27PF CERAMIC CHIP 27PF CERAMIC CHIP 0.0047MF	5% 50V 5% 50V 10% 50V			A BOARD, COMPLETE	(KV-M1401D)
C1116 C1117 C1118	1-164-005-11 1-164-005-11 1-164-005-11	CERAMIC CHIP 0.47MF CERAMIC CHIP 0.47MF	25V 25V 25V	TP15	*1-535-084-00 *4-200-399-01 *4-200-407-01		
C1119 C1151	1-106-369-00 1-12 4-4 77-11	MYLAR 0.012MF ELECT 47MF	10% 400V 20% 16V		<capa< td=""><td>CITOR></td><td></td></capa<>	CITOR>	
C1152 C1153 C1154	1-106-379-12 1-164-232-11 1-164-232-11	MYLAR 0.033MF CERAMIC CHIP 0.01MF CERAMIC CHIP 0.01MF	10% 250V 10% 50V 10% 50V	C001 C002 C003 C004	1-126-101-11 1-106-220-00 1-163-031-11 1-123-382-00	MYLAR 0.1MF CERAMIC CHIP 0.01M	10% 100V F 50V
	<filt< td=""><td>'ER></td><td></td><td>C005</td><td>1-126-103-11</td><td>ELECT 470MF</td><td>20% 16V</td></filt<>	'ER>		C005	1-126-103-11	ELECT 470MF	20% 16V
CD1101 CF1111 CF1112	1-527-840-00	DISCRIMINATOR, CERAMIC FILTER, CERAMIC FILTER, CERAMIC		C006 C007 C009 C010 C012	1-163-117-00 1-124-907-11 1-124-907-11 1-163-117-00 1-126-233-11	ELECT 10MF ELECT 10MF CERAMIC CHIP 100PF	5% 50V 20% 50V 20% 50V 5% 50V 20% 50V
	<ic></ic>			C018	1-163-031-11		
IC1101 IC1102	8-759-003-90 8-752-006-12			C020 C021 C022	1-124-903-11 1-124-907-11 1-124-907-11	ELECT 1MF	20% 50V 20% 50V 20% 50V
	<coil< td=""><td>,></td><td></td><td>C023</td><td>1-124-907-11</td><td>ELECT 10MF</td><td>20% 50V</td></coil<>	,>		C023	1-124-907-11	ELECT 10MF	20% 50V
L1108 L1111 L1112	1-408-410-00 1-408-411-00 1-408-409-00	INDUCTOR 15UH		C024 C025 C026 C030	1-124-907-11 1-124-916-11 1-124-903-11 1-124-903-11	ELECT 22MF ELECT 1MF	20% 50V 20% 50V 20% 50V 20% 50V
	<resi< td=""><td>STOR></td><td></td><td>C037</td><td>1-163-034-00</td><td></td><td></td></resi<>	STOR>		C037	1-163-034-00		
R1111 R1112 R1113 R1152 R1153	1-216-033-00 1-216-033-00 1-216-083-00 1-216-059-00 1-216-045-00	METAL GLAZE 220 5% METAL GLAZE 27K 5% METAL GLAZE 2.7K 5%	1/10W	C038 C039 C041 C055 C058	1-163-009-11 1-163-117-00 1-124-478-11 1-163-075-00 1-163-077-00	CERAMIC CHIP 100PF	5% 50V 20% 25V
				C059	1-163-031-11	CERAMIC CHIP 0.01M	50V

							■ KV-M	/ M1401U	
REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTIO	<u>N</u>		REMARK
C062 C063 C101	1-126-101-11 1-163-017-00 1-124-477-11	ELECT 100MF CERAMIC CHIP 0.0047MF ELECT 47MF	20% 16V 10% 50V 20% 16V	C309 C310	1-163-099-00 1-124 - 917-11	CERAMIC CHIP ELECT	18PF 33MF (KV-M1400K/	5% 20% KV-M14	50V 50V 01K ONLY)
C102	1-124-910-11	ELECT 47MF	20% 50V	C311	1-163-133-00	CERAMIC CHIP		5%	50V
C103 C104 C105 C106 C107	1-163-105-00 1-164-665-11 1-164-665-11 1-163-031-11 1-124-477-11	CERAMIC CHIP 33PF CERAMIC CHIP 0.039MF CERAMIC CHIP 0.039MF CERAMIC CHIP 0.01MF ELECT 47MF	5% 50V 10% 50V 10% 50V 50V 20% 16V	C312 C313 C314 C315	1-163-121-00 1-163-105-00 1-163-103-00 1-163-177-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	33PF 27PF 68PF (KV-M1400K/	5% 5% 5% 5% KV-M14	
C112	1-163-109-00	CERAMIC CHIP 47PF	5% 50V	C316	1-163-377-11	CERAMIC CHIP	100PF	5%	50V
•	1-163-125-00	(KV-M1400K CERAMIC CHIP 220PF	/KV-M1401K ONLY) 5% 50V /KV-M1401D ONLY)	C317 C318 C319	1-163-093-00 1-164-232-11 1-163-038-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.01MF	5% 10%	50V 50V 25V
C114	1-163-129-00	CERAMIC CHIP 330PF (KV-M1400K	5% 50V :/KV-M1401K ONLY)	C321 C323	1-163-038-00 1-163-055-00	CERAMIC CHIP CERAMIC CHIP	0.1MF	10%	25V 50V
	1-163-109-00	CERAMIC CHIP 47PF (KV-M1400D	5% 50V /KV-M1401D ONLY)	C329	1-131-367-00	TANTALUM	22MF	10%	16V
C115	1-163-031-11	CERAMIC CHIP 0.01MF	50V	C330 C331	1-163-117-00 1-124-927-11	CERAMIC CHIP ELECT	100PF 4.7MF	5% 20%	50V 50V
C120 C123 C125	1-163-173-00 1-163-117-00 1-124-917-11	CERAMIC CHIP 47PF CERAMIC CHIP 100PF ELECT 33MF	5% 50V 5% 50V 20% 50V	C332 C333	1-130-783-00 1-163-037-11	MYLAR CERAMIC CHIP	0.33MF 0.022MF	10% 10%	100V 25V
C128 C131	1-163-025-11 1-164-232-11	CERAMIC CHIP 0.001MF CERAMIC CHIP 0.01MF	50V 10% 50V	C334 C335 C336	1-163-063-00 1-163-063-00 1-163-119-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.022MF	10% 10% 5%	50V 50V 50V
C132 C133	1-163-029-11 1-164-232-11	CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.01MF	50V 10% 50V	C337 C338	1-130-834-00 1-106-220-00	MYLAR	1MF 0.1MF	10% 10%	63V 100V
C135 C136 C138	1-163-033-00 1-163-033-00 1-216-295-00	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF METAL GLAZE 0 5%	50V 50V 21/10W	C339 C340 C341	1-106-220-00 1-162-568-11 1-130-783-00	MYLAR CERAMIC CHIP MYLAR	0.1MF 0.33MF 0.33MF	10% 10% 10%	100V 16V 100V
C139 C140 C141	1-164-232-11 1-163-017-00 1-163-017-00	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF	10% 50V 10% 50V 10% 50V	C343 C344	1-106-383-00 1-130-783-00	MYLAR	0.047MF 0.33MF	10% 10%	100V 100V
C142 C143	1-163-017-00 1-163-809-11	CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.047MF	10% 50V 10% 25V	C345 C346 C347	1-163-187-00 1-163-033-00 1-163-037-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.022MF	5% 10%	50V 50V 25V
C144 C145	1-163-017-00 1-163-809-11	CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.047MF	10% 50V 10% 25V 10% 25V	C348 C349	1-163-037-11 1-163-037-11	CERAMIC CHIP	0.022MF	10s 10s	25V 25V
C146 C147 C148	1-163-809-11 1-163-809-11 1-164-665-11	CERAMIC CHIP 0.047MF CERAMIC CHIP 0.047MF CERAMIC CHIP 0.039MF	10% 25V 10% 25V 10% 50V	C351	1-106-375-12		0.022MF (KV-M1400K/		
C149 C151 C154 C157	1-124-927-11	ELECT 10MF CERAMIC CHIP 0.01MF ELECT 4.7MF	20% 16V 20% 50V 10% 50V 20% 50V	C352 C353 C354 C355 C356		CERAMIC CHIP	0.022MF 0.022MF	10% 10% 10% 10% 5%	250V 25V 25V 25V 50V
C163	1-164-232-11		10% 50V	C357		CERAMIC CHIP			50V
C201 C202 C203 C204	1-124-480-11	ELECT 2.2MF CERAMIC CHIP 0.001MF ELECT 470MF	20% 50V 20% 50V 10% 50V 20% 25V	C358 C359 C360 C361	1-124-556-11 1-163-125-00 1-124-903-11 1-163-237-11	CERAMIC CHIP ELECT	1MF	20} 5% 20} 5%	16V 50V 50V 50V
C206		CERAMIC CHIP 0.0015MF	10% 50V	C363	1-163-201-00	CERAMIC CHIP		5%	50V
C207 C208 C209	1-124-925-11 1-126-104-11 1-124-910-11	ELECT 470MF	20% 50V 20% 35V 20% 50V	C364	1-163-137-00	CERAMIC CHIP	(KV-M1400K/ 680PF (KV-M1400K/	5%	50V
C210 C301	1-106-228-00 1-124-907-11	MYLAR 0.22MF ELECT 10MF	10% 100V 20% 50V K/KV-M1401K ONLY)	C367 C370 C388	1-163-031-11 1-124-916-11 1-106-220-00		0.01MF 22MF 0.1MF	20 10	50V 50V 100V
C302 C303 C304 C305 C306	1-163-059-00		50V 50V 25V 20% 50V 10% 100V	C401 C403 C404 C430 C431	1-163-031-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.01MF	20 5%	50V 50V 50V 25V 50V
C307 C308		CERAMIC CHIP 0.1MF	25V 20% 50V	C432 C433	1-163-031-11 1-124-916-11	CERAMIC CHIP	0.01MF 22MF	20	50V 25V

A KV-M1400K / M1401K KV-M1400D / M1401D

Les composants identifies par une trame et une marque 🛦 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked \triangle are critical for safety.
Replace only with part number specified.

REF.NC). <u>P</u>	ART NO.	DESCRIPTIO	N	-	REMARK	REF.NO.	PART NO.	DESCRIPTIO	N		REMARK
C434 C475		-163-031-11 -124-916-11	CERAMIC CHIP	0.01MF 22MF	20%	50V 50V				(KV-M1400D	/KV-M14	01D ONLY)
C476	1-	-108-702-11	MYLAR	0.068MF	10%	100V	C801 C802	1-136-559-11 1-102-212-00	MYLAR CERAMIC	0.0047MF 820PF	10% 10%	400V 500V
C490 C499		-124-910-11 -163-205-00	ELECT CERAMIC CHIP	47MF 0 001MF	20% 10%	50V 50V	C803 C804	1-102-244-00 1-126-101-11	CERAMIC ELECT	220PF 100MF	10% 20%	500V 16V
C501	1-	-163-181-00	CERAMIC CHIP	100PF	5%	50V	C805	1-136-076-00		0.0085MF	38	2KV
C502 C503		-163-005-11 -163-181-00	CERAMIC CHIP		10% 5%	50V 50V	C806	1-106-389-00	MYLAR	0.082MF	10%	200V
C504	1-	-124-122-11	ELECT	100MF	20%	50V	C807 C808	1-162-116-00 1-136-932-11	CERAMIC FILM	680PF 0.82MF	10% 5%	2KV 100V
C505 C506	1-	-124-916-11 -106-228-00	ELECT	22MF	20%	50V	C809	1-106-367-00	MYLAR	0.01MF	10%	400V
C507	1.	-124-557-11	MYLAR ELECT	0.22MF 1000MF	10% 20%	100V 25V	C811	1-136-540-11	FILM	0.82MF	5%	160V
C508	1-	-163-117-00	CERAMIC CHIP	100PF	5%	50V	C812 C813	1-124-634-11 1-163-009-11	ELECT CERAMIC CHIP	1MF 0.001MF	20% 10%	250V 50V
C509 C510		-162-568-11 -163-081-00	CERAMIC CHIP		10%	16V 25V	C814 C815	1-126-542-11 1-124-916-11	ELECT ELECT	4.7MF 22MF	20% 20%	160V 50V
C511	1-	-163-117-00	CERAMIC CHIP	100PF	5%	50V	C816	1-102-228-00	CERAMIC	470PF	10%	500V
C512 C513		-108-702-11 -124-927-11	MYLAR ELECT	0.068MF 4.7MF	10% 20%	100V 50V	C817	1-123-948-00	ELECT	22MF	20%	250V
C514	1.	-136-298-00	FILM	0.0033MF	5%	100V	C818 C819	1-106-375-12 1-162-114-00	MYLAR CERAMIC	0.022MF 0.0047MF	10%	250V 2KV
C515	1-	-163-035-00	CERAMIC CHIP	0.047MF		50V	C820	1-162-318-11	CERAMIC	0.001MF	10%	500 V
C516 C517		-163-113-00 -163-033-00	CERAMIC CHIP		5%	50V 50V	C821	1-126-101-11	ELECT	100MF	20%	16V
C518	1-	-163-117-00	CERAMIC CHIP	100PF (KV-M1400K)	5% /xv_w1#0	50V	C822 C823	1-162-318-11 1-126-233-11		0.001MF 22MF	10% 20%	500 V 50V
C520		-163-033-00	CERAMIC CHIP	0.022MF		50V	C824	1-124-913-11	ELECT	470MF	20%	50V
C521 C524		-131-377-00 -106-228-00	TANTALUM MYLAR	10MF 0.22MF	10% 10%	10V 100V	C825 C826	1-106-367-00 1-104-724-91	MYLAR FILM	0.01MF 0.1MF	10% 10%	400V 250V
C525 C526	1- 1-	-108-702-11 -124-910-11	MYLAR ELECT	0.068MF 47MF	10% 20%	100V 50V	C840	1-124-902-00	ELECT	0.47MF	20%	50V
C527	1-	- 1 64-232-11	CERAMIC CHIP	0.01MF	10%	50V		<filt< td=""><td>ER></td><td></td><td></td><td></td></filt<>	ER>			
C529 C530	1-	-163-117-00 -163-197-00	CERAMIC CHIP CERAMIC CHIP	100PF	5% 5%	50V 50V	CD101	1-579-110-11	DISCRIMINATO	OTRANTO		
C531		163-137-00	CERAMIC CHIP	68PF	5%	50V	CF501	1-404-801-11	TRAP, CERAMIC	C		
				(KV-M1400D/	/KV-M140	1D ONLY)	CF502	1-409-327-00	TRAP, CERAMIC	C (6.5MHZ) (KV-M1400K)	/KV-M14	Olk ONLY)
C532 C536		·163-117-00 ·124-927-11	CERAMIC CHIP ELECT	100PF 4.7MF	5ዩ 20ዩ	50V 50V	SWF101	1-579-414-11	FILTER, SAWTO	OOTH WAVE		•
C537 C540	1-	163-038-00 216-295-00	CERAMIC CHIP METAL GLAZE	0.1MF		25V		<conn< td=""><td>ECTOR></td><td></td><td></td><td></td></conn<>	ECTOR>			
C601		161-964-61	CERAMIC	0 5% 0.0047MF	1/10W	250V	CNA11	*1-506-947-11				
C602	△ 1-	161-964-61		0.0047MF		250V	CNA12 CNA21	*1-568-877-51 *1-560-290-00	PLUG, CONNECTO	OR (2.5MM P)	TCH)	
C603 C604		162-599-12	CERAMIC ELECT(BLOCK)	0.0047MF 220MF	20%	250V 400V	CNA22 CNA42	*1-568-878-51 *1-565-394-11	PIN, CONNECTO	OR 3P		
C605		161-754-00		0.001MF (KV-M1400D/	10%	2KV						
C606	1-	104-728-11	FILM	0.047MF	10%	630V	CNA43 CNA61 A	*1-565-394-11 *1-508-765-11	PIN, CONNECTO	OR (5MM PITC	H) 3P	
C607	1-	106-367-00	MYLAR	0.01MF	10%	400V	CNA62 AL	*1-580-844-11 *1-508-784-00	PIN, CONNECTO	OR (POWER) OR (5MM PITC	H) 1P	
C608 C609		161-753-00 124-347-00		470PF 100MF	10% 20%	3KV 160V	CNA81	*1-508-768-00	PIN, CONNECTO	OR (5MM PITC	H) 6P	
C610 C612	1-	124-557-11 102-228-00	ELECT	1000MF 470PF	20%	25V	CNA82	*1-580-798-11	CONNECTOR PIN	(DY) 6P	·**) 35	
C614					10%	500V	CNA83	*1-508-765-00		JK (SMM PITC	.n; 3P	
C618	1-	126-101-11 124-916-11	ELECT	100MF 22MF	20% 20%	16V 50V		<trim< td=""><td></td><td></td><td></td><td>_</td></trim<>				_
C621 C623	ΔC 1-	136-517-11 164-246-61	FILM CERAMIC	0.22MF 0.0022MF	20% 20%	300V 400V	CT331 CT332	1-141-418-11 1-141-418-11		(KV-M1400K/	KV-M140	1K ONLY)
C624		161-754-00		0.001MF	10%	2KV		<diod< td=""><td>,</td><td></td><td></td><td></td></diod<>	,			
C625		136-517-11		0.22MF	20%	300V	7000					
C626			CERAMIC CHIP	(KV-M1400K/			D002 D004	8-719-920-55 8-719-914-44	DIODE DAP202K	(
C627			CERAMIC CHIP	15PF (KV-M1400K/	5% KV-M140	50V 1K ONLY)	D007 D008	8-719-400-18 8-719-105-82				
C633 C698		164-246-61 162-115-00		0.0022MF 330PF	20% 10%	400V 2KV	D009	8-719-105-82				
	•	- 02 113-00	Cancarite	JJUER	T0.0	2114						

Les composants identifies par une trame et une marque $ilde{\Delta}$ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



							▼ KV-W14000 / W14010
REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTIO	N REMARK
D011 D020 D101 D102 D103	8-719-110-03	DIODE 1SS119 DIODE RD7.5ESB2		F601 🛦	7-576-231-21 4-201-057-01 1-533-230-12		F601
D104 D110 D301 D302 D303	8-719-109-85 8-719-914-44 8-719-800-76	DIODE MA152WK DIODE RD5.1ESB2 DIODE DAP202K DIODE 1SS226 DIODE DAP202K		IC001 IC002	<ic> 8-759-517-38 8-759-043-86</ic>	IC PCA84C840:	P-012
D305 D306 D313 D321	8-719-400-18 8-719-800-76	DIODE 1SS226 DIODE MA152WK DIODE 1SS226 DIODE RD5.6ESB2		IC003 IC004 IC005	8-759-157-40	IC L78LR05D-1 DIODE UPC574	J
D324 D331 D332 D333	8-719-914-44 8-719-911-19 8-719-911-19	DIODE DAP202K DIODE 1SS199 (KV-M	1400K/KV-M1401K ONLY) 1400K/KV-M1401K ONLY)	IC201 IC301 IC302 IC331		IC TDA7245 IC TDA4660/V	2
D333 D334 D402	8-719-914-44 8-719-109-97	DIODE DAP202K DIODE RD6.8ESB2 DIODE RD6.8ESB2		IC501 IC502 IC601 IC801	8-759-113-13 8-759-515-72 8-749-901-65 8-759-945-58	IC TDA8304 IC STR54041	
D404 D405 D406	8-719-109-97 8-719-110-09 8-719-110-09	DIODE RD6.8ESB2 DIODE RD8.2ESB3 DIODE RD8.2ESB3		IC802		IC M5F78M12L	
D411		DIODE RD6.8ESB2		J401	1-561-534-00	SOCKET, PIN 2	21P
D417 D418 D426	8-719-914-44 8-719-911-19	DIODE DAP202K DIODE DAP202K DIODE 1SS119		L001	<coii< td=""><td></td><td>10UH</td></coii<>		10UH
D427 D450 D501	8-719-109-97	DIODE 1SS119 DIODE RD6.8ESB2 DIODE BYD33G		L102 L103 L106	1-408-409-00 1-408-399-00 1-408-415-00	INDUCTOR	10UH 1.5UH 33UH
D503 D504 D519	8-719-911-19 8-719-400-18	DIODE 1SS119 DIODE MA152WK DIODE MA152WK		L107	1-408-410-00 1-410-872-21	INDUCTOR INDUCTOR	12UH 10UH
D601 D602 D603 D604 D605	8-719-976-64 8-719-908-03 8-719-979-85	DIODE B3V-406H-01 DIODE RGP02-17 DIODE GP08D DIODE EGP20G DIODE BYD33G		L301 L302 L303 L331	1-408-409-00 1-408-419-00 1-408-425-00 1-404-554-11		(KV-M1400K/W-M1401K ONLY) 10UH 68UH 220UH
D605 D606 D607 D608	8-719-980-78 8-719-950-57	DIODE ERA83-006 DIODE BYD33G		L405 L406 L501 L502	1-408-409-00 1-408-417-00 1-404-493-00 1-408-405-00	INDUCTOR COIL	10UH 47UH 4.7UH
D609 D610	8-719-908-03 8-719-908-03	DIODE BYD33G DIODE GP08D DIODE GP08D		200	1-408-408-00		(KV-M1400K/W-M1401K ONLY) 8.2UH
D611	8-719-303-49	DIODE R2M		L801	1-407-365-00	COIL, CHOKE	(KV-M1400D/N-M1401D ONLY)
D801 D802 D803 D805 D806	8-719-979-85 8-719-950-57 8-719-950-57	DIODE ERC06-15S DIODE EGP20G DIODE BYD33G DIODE BYD33G DIODE RGP02-17		L802 L804 L805 L806 L807	1-459-856-11 1-408-236-00	COIL, HORIZON	E 2.7MMH
D807 D808 D809 D810 D811	8-719-950-57 8-719-400-18 8-719-908-03	DIODE BYD33G DIODE BYD33G DIODE MA152WK DIODE GP08D DIODE GP08D		L808 L809	1-408-226-00 1-407-504-00	INDUCTOR	82UH 10MMH
D820	8-719-911-19	DIODE 1SS119		LV301	1-404-554-11	COIL	
		AY LINE>			<ic i<="" td=""><td></td><td></td></ic>		
DT 2.0-				DG001 A) NIEL 0 63
DL301	1-236-062-11	MODULE, Y DELAY LI	NE i	5280T VZ	1-532-679-91	LINK, IC (ICE	AO.U (CIM-

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	<tran< td=""><td>ISISTOR></td><td></td><td>JR028 JR029</td><td>1-216-295-00 1-216-295-00</td><td></td><td>0</td><td>5% 5%</td><td>1/10W 1/10W</td></tran<>	ISISTOR>		JR028 JR029	1-216-295-00 1-216-295-00		0	5% 5%	1/10W 1/10W
Q001 Q003 Q004 Q005 Q006	8-729-230-49 8-729-901-01 8-729-230-49 8-729-923-54 8-729-922-66	TRANSISTOR 2SC2712-YG TRANSISTOR DTC144EK TRANSISTOR 2SC2712-YG TRANSISTOR DTA143TK TRANSISTOR 2SC2410SN		JR030 JR034 JR036 JR037 JR038	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
Q007 Q015 Q016 Q017 Q019	8-729-230-49 8-729-230-49 8-729-901-47 8-729-216-22 8-729-901-06	TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR DTA143EK TRANSISTOR 2SA1162G TRANSISTOR DTA144EK		JR039 JR044 JR045 JR050 JR051	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
Q020 Q101 Q102 Q103 Q104	8-729-901-00 8-729-901-47 8-729-901-47 8-729-901-47 8-729-230-49	TRANSISTOR DTC124EK TRANSISTOR DTA143EK TRANSISTOR DTA143EK TRANSISTOR DTA143EK TRANSISTOR 2SC2712-YG		JR052 JR060 JR101 JR102 JR103	1-216-295-00 1-216-295-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/8W 1/8W
Q106 Q107 Q112 Q114 Q115	8-729-230-49 8-729-216-22 8-729-230-49 8-729-901-00 8-729-901-00	TRANSISTOR 2SC2712-YG TRANSISTOR 2SA1162G TRANSISTOR 2SC2712-YG TRANSISTOR DTC124EK TRANSISTOR DTC124EK		JR104 JR105 JR106 JR107 JR108	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q141 Q302 Q303 Q304 Q305	8-729-014-99 8-729-230-49 8-729-230-49 8-729-230-49 8-729-230-49	TRANSISTOR BF959-AMMO TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG		JR109 JR116 JR117 JR118 JR121	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q306 Q307 Q310 Q311 Q401	8-729-216-22	TRANSISTOR DTC124EK	7/KV-M1401K (NT.V)	JR122 JR123 JR125 JR126 JR127	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE	0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q457 Q504 Q505 Q601 Q801	8-729-216-22 8-729-230-49 8-729-216-22	TRANSISTOR 2SA1162G TRANSISTOR 2SC2712-YG TRANSISTOR 2SA1162G TRANSISTOR BC637-16 TRANSISTOR 2SC2688-LK	(AV ELIGIR ORDI)	JR128 JR129 JR130 JR131 JR133	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q802 Q803	8-729-925-64 8-729-904-27	TRANSISTOR BU508AS2 TRANSISTOR 2SD1761-E STOR>		JR134 JR135 JR137 JR139 JR140	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE	0 0 0 0	5 5 5 5 5 5 5 5	1/8W 1/8W 1/8W 1/8W 1/8W
JR44 JR53 JR99 JR003 JR004	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE 0 5% METAL GLAZE 0 5% METAL GLAZE 0 5%	1/10W 1/10W 1/10W 1/10W 1/10W	JR144 JR147 JR148 JR149 JR150	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
JR005 JR006 JR009 JR010 JR011	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00		1/10W 1/10W 1/10W 1/10W 1/10W	JR155 JR182 JR183 JR184 R001	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-069-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 6.8K	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/10W
JR012 JR015 JR016 JR017 JR018	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE 0 5% METAL GLAZE 0 5% METAL GLAZE 0 5%	1/10W 1/10W 1/10W 1/10W 1/10W	R002 R003 R004 R005 R006	1-216-081-00 1-216-081-00 1-216-083-00 1-216-206-00 1-216-254-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 22K 27K 2.2K 220K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/8W 1/8W
JR019 JR020 JR026	1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE 0 5% METAL GLAZE 0 5% METAL GLAZE 0 5%	1/10W 1/10W 1/10W	R007 R008 R009	1-216-190-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE	470 1K 1K	5% 5% 5%	1/8W 1/10W 1/10W

								KV-I	M1400D / M1401D
REF.NO.	PART NO.	DESCRIPTION	N.	REMARK	REF.NO.	PART NO.	DESCRIPTI	ON	REMARK
R010 R011 R012	1-216-198-00 1-216-035-00 1-216-248-00	METAL GLAZE METAL GLAZE	1K 5% 270 5%	1/8W 1/10W	R082 R083 R084 R086	1-216-049-00 1-216-065-00 1-216-057-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 5% 4.7K 5% 2.2K 5% 4.7K 5%	1/10W 1/10W 1/10W 1/10W
R013 R014 R015 R016	1-216-077-00 1-216-689-11 1-216-230-00 1-216-049-00	METAL GLAZE METAL GLAZE	15K 5% 39K 5% 22K 5% 1K 5%	1/10W 1/10W 1/8W 1/10W	R087 R089	1-216-027-00 1-216-212-00	METAL GLAZE METAL GLAZE	120 5% 3.9K 5%	7/KV-M1401K ONLY) 1/10W 1/8W 5/KV-M1401K ONLY)
R017 R018 R019 R020	1-216-081-00 1-216-065-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	22K 5% 4.7K 5% 4.7K 5% 4.7K 5%	1/10W 1/10W 1/10W 1/10W	R094 R095 R096	1-216-077-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	15K 5% 4.7K 5% 4.7K 5%	1/10W 1/10W 1/10W
R021 R022 R023 R024 R025	1-216-049-00 1-216-198-00 1-216-051-00 1-216-065-00 1-216-097-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 5% 1K 5% 1.2K 5% 4.7K 5% 100K 5%	1/10W 1/8W 1/10W 1/10W 1/10W	R097 R099 R100 R101 R102	1-216-085-00 1-216-228-00 1-216-017-00 1-216-069-00 1-216-061-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	33K 5% 18K 5% 47 5% 6.8K 5% 3.3K 5%	1/10W 1/8W 1/10W 1/10W 1/10W
R026 R028 R029	1-216-089-00 1-216-085-00 1-216-041-00	METAL GLAZE	47K 5% 33K 5% 470 5%	1/10W 1/10W 1/10W	R103 R104 R105 R106	1-216-057-00 1-216-057-00 1-216-109-00 1-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 5% 2.2K 5% 330K 5% 22K 5%	1/10W 1/10W 1/10W 1/10W
R030 R031 R032	1-216-077-00 1-216-073-00 1-216-057-00	METAL GLAZE METAL GLAZE	15K 5% 10K 5% 2.2K 5%	1/10W 1/10W 1/10W	R107 R108 R109	1-216-073-00 1-216-049-00 1-216-190-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 5% 1K 5% 470 5%	1/10W 1/10W 1/8W
R033 R034 R035 R038	1-216-057-00 1-216-238-00 1-216-077-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 5% 47K 5% 15K 5% 10K 5%	1/10W 1/8W 1/10W 1/10W	R110 R111 R112	1-249-437-11 1-216-085-00 1-249-411-11	CARBON METAL GLAZE CARBON	47K 5% 33K 5% 330 5%	1/4W 1/10W 1/4W
R040 R041 R042 R043 R044	1-216-081-00 1-216-081-00 1-216-081-00 1-215-900-11 1-216-105-00	METAL GLAZE METAL GLAZE METAL OXIDE	22K 5% 22K 5% 22K 5% 22K 5% 22K 5% 22K 5%	1/10W 1/10W 1/10W 2W 1/10W	R113 R114 R115 R116 R118	1-216-077-00 1-216-238-00 1-216-045-00 1-216-049-00 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	15K 5% 47K 5% 680 5% 1K 5% 330 5%	1/10W 1/8W 1/10W 1/10W 1/10W
R045 R046 R047	1-216-089-00 1-216-081-00 1-216-079-00	METAL GLAZE METAL GLAZE	22K 5% 22K 5% 18K 5%	1/10W 1/10W 1/10W 1/10W	n110	1-216-035-00	METAL GLAZE	270 5% (KV-M1400D	7/KV-M1401K ONLY) 1/10W 1/KV-M1401D ONLY)
R048 R049 R050	1-216-202-00 1-216-073-00 1-216-250-00	METAL GLAZE METAL GLAZE METAL GLAZE	1.5K 5% 10K 5% 150K 5%	1/8W 1/10W 1/8W	R119 R130 R131 R132 R136	1-216-045-00 1-249-409-11 1-216-041-00 1-216-295-00 1-216-041-00	METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE	680 5% 220 5% 470 5% 0 5% 470 5%	1/10W 1/4W 1/10W 1/10W 1/10W
R051 R052 R053 R054 R055	1-216-295-00 1-216-065-00 1-216-049-00 1-249-395-11 1-216-057-00	METAL GLAZE METAL GLAZE CARBON	0 5% 4.7K 5% 1K 5% 15 5% 2.2K 5%	1/10W 1/10W 1/10W 1/4W 1/10W	R138 R139 R140	1-216-057-00 1-216-295-00 1-216-037-00	METAL GLAZE METAL GLAZE	0 5% 330 5% (KV-M1400K	1/10W 1/10W 1/10W 1/10W/KV-M1401K ONLY)
R056 R058 R059 R060	1-216-041-00 1-249-434-11 1-216-089-00 1-216-234-00	CARBON METAL GLAZE METAL GLAZE	470 5% 27K 5% 47K 5% 33K 5%	1/10W 1/4W 1/10W 1/8W	R141	1-216-045-00 1-216-021-00 1-216-029-00	METAL GLAZE	68 5% (KV-M1400K 150 5%	!/10W /KV-M1401D ONLY) !/10W /KV-M1401K ONLY) !/10W
R061 R062	1-216-079-00 1-216-242-00		18K 5%	1/10W 1/8W	R142	1-216-063-00	METAL GLAZE	(KV-M1400D 3.9K 5%	/KV:M1.401D ONLY) 1/1.0W
R064 R070	1-216-091-00 1-216-055-00	METAL GLAZE METAL GLAZE	56K 5% 1.8K 5% (KV-M1400K/	1/10W 1/10W KV-M1401K ONLY)	R143 R144 R147	1-216-033-00 1-216-065-00 1-216-073-00	METAL GLAZE METAL GLAZE	220 5% 4.7K 5% 10K 5%	1/10W 1/10W 1/10W
R071 R072	1-216-063-00 1-216-049-00	(3.9K 5% (KV-M1400K/) 1K 5%	1/10W KV-M1401K ONLY) 1/10W	R148 R149	1-216-017-00 1-216-182-00		47 5% 220 5%	:/10W :/8W
R075 R076 R077 R078 R079	1-216-248-00 1-216-198-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	120K 5% 1K 5% 15K 5% 1K 5% 1K 5%	1/8W 1/8W 1/10W 1/10W 1/10W	R151 R152 R153 R199	1-216-057-00 1-216-061-00 1-215-867-00 1-216-029-00 1-216-057-00	METAL GLAZE METAL OXIDE METAL GLAZE	2.2K 5% 3.3K 5% 470 5% 150 5% (KV-M1400K 2.2K 5%	1/10W 1/10W W 1/10W /KVM1401K ONLY) 1/10W
R081	1-216-198-00		1K 5%	1/8W		1 210-037-00	MAINI GIALE		/KVM1_401D ONLY)

REF.NO.	PART NO.	DESCRIPTIO	N		REMARK	REF.NO.	PART NO.	DESCRIPTION	ON		REMARK
R201	1-216-073-00	METAL GLAZE	10K 5	% 1/10V	V	R354 R355	1-216-081-00 1-216-049-00		22K	5% 5%	1/10W
R202	1-216-057-00	METAL GLAZE	2.2K 5			R356	1-216-041-00	METAL GLAZE	1K 470	5%	1/10W 1/10W
R203 R204	1-216-298-00 1-247-741-11	METAL GLAZE CARBON	150 5	% 1/10V % 1/2W		R357 R360	1-216-039-00 1-216-001-00		390 10	58 58	1/10W 1/10W
R205 R206	1-216-083-00 1-216-035-00	METAL GLAZE METAL GLAZE		% 1/10v % 1/10v		R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R207	1-216-298-00	METAL GLAZE	2.2 5	% 1/10W	ı	R364 R399	1-216-222-00 1-216-037-00	METAL GLAZE	10K 330	5% 5%	1/8W 1/10W
R301	1-216-077-00	METAL GLAZE	15K 5		I	R402	1-216-172-00	METAL GLAZE	82	5%	1/8W
R302	1-216-033-00	METAL GLAZE	220 5	% 1/10W	7	R403	1-216-023-00		82	5%	1/10W
R303	1-216-033-00	METAL GLAZE	220 5	0K/KV-M140 % 1/10V	i	R404 R405	1-216-023-00 1-216-023-00		82 82	5% 5%	1/10W 1/10W
R304	1-216-033-00	METAL GLAZE	220 5	% 1/10V	Ī	R406 R407	1-216-226-00 1-216-226-00		15K 15K	5% 5%	1/8W 1/8W
R305 R306	1-216-033-00 1-216-059-00	METAL GLAZE METAL GLAZE	220 5 2.7K 5	% 1/10v % 1/10v		R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R307 R308	1-216-077-00	METAL GLAZE METAL GLAZE	15K 5	8 1/10V	ī	R409	1-216-023-00	METAL GLAZE	82	5%	1/10W
R309	1-216-033-00 1-216-055-00	METAL GLAZE	220 5 1.8K 5			R411 R412	1-216-037-00 1-216-037-00	METAL GLAZE	330 330	5% 5%	1/10W 1/10W
R310	1-216-049-00	METAL GLAZE	1K 5			R413 R414	1-216-037-00 1-216-041-00		330 470	5% 5%	1/10W 1/10W
R311 R312	1-216-051-00 1-216-174-00	METAL GLAZE METAL GLAZE	1.2K 5		1	R420	1-216-182-00	METAL GLAZE	220	5%	1/8W
R313 R314	1-216-174-00 1-216-025-00	METAL GLAZE METAL GLAZE	100 5 100 5		1	R421 R423	1-216-449-11 1-216-095-00		56 82K	5% 5%	2W 1/10W
R315	1-216-047-00	METAL GLAZE		% 1/10W		R424 R425	1-216-222-00 1-216-033-00	METAL GLAZE METAL GLAZE	10K 220	5% 5%	1/8W
R316	1-216-089-00	METAL GLAZE	47K 5	% 1/10W							1/10W
R317 R318	1-216-202-00 1-216-089-00	METAL GLAZE METAL GLAZE	1.5K 5 47K 5	% 1/10W		R426 R427	1-216-045-00 1-216-049-00	METAL GLAZE METAL GLAZE	680 1K	5% 5%	1/10W 1/10W
R319	1-216-089-00	METAL GLAZE	(KV-M140 47K 5	0K/KV-M140 % 1/10W		R428 R430	1-216-073-00 1-216-077-00	METAL GLAZE METAL GLAZE	10K 15K	58 58	1/10W 1/10W
R320	1-216-057-00	METAL GLAZE	2.2K 5	ፄ 1/10W	,	R432	1-249-403-11	CARBON	68	5%	1/4W
R321 R322	1-216-023-00 1-216-053-00	METAL GLAZE METAL GLAZE	82 5 1.5K 5	% 1/10W		R433 R434	1-216-079-00 1-216-029-00	METAL GLAZE METAL GLAZE	18K 150	5% 5%	1/10W 1/10W
R323 R324	1-216-192-00 1-216-065-00	METAL GLAZE METAL GLAZE	560 5 4.7K 5	% 1/8W		R435 R436	1-216-033-00 1-216-089-00	METAL GLAZE	220	5%	1/10W
R325						R437	1-216-085-00	METAL GLAZE METAL GLAZE	47K 33K	5% 5%	1/10W 1/10W
R326	1-249-410-11 1-216-035-00	CARBON METAL GLAZE	270 5 270 5	% 1/10W		R501	1-216-214-00		4.7K	5%	1/8W
R327 R328	1-216-121-00 1-216-001-00	METAL GLAZE METAL GLAZE	1M 5 10 5	% 1/10W		R502 R503	1-247-743-11 1-249-437-11	CARBON	220 47K	5% 5%	1/2W 1/4W
R329	1-216-109-00	METAL GLAZE	330K 5	% 1/10W		R504 R505	1-216-017-00 1-216-073-00		47 10K	5% 5%	1/10W 1/10W
R330 R331	1-216-244-00 1-216-113-00		82K 5 470K 5	8 1/8W 8 1/10W		R507	1-216-350-11	METAL OXIDE	1.2	5%	1W F
R332 R333	1-216-270-00 1-216-091-00	METAL GLAZE	1M 5 56K 5	% 1/8W		R508 R510	1-215-867-00 1-216-061-00	METAL OXIDE	470 3.3K	5%	1W 1/10W
R334	1-216-067-00	METAL GLAZE	5.6K 5			R511 R512	1-216-244-00 1-216-089-00	METAL GLAZE	82K 47K	5% 5%	1/8W 1/10W
R335 R336	1-216-001-00 1-216-059-00	METAL GLAZE	10 5 2.7K 5			R513	1-216-053-00				1/10W
R337 R338	1-216-073-00 1-216-073-00	METAL GLAZE	10K 5	% 1/10W		R514 R515	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R341	1-216-061-00	METAL GLAZE	3.3K 5			R516	1-216-683-11 1-216-095-00	METAL GLAZE	22K 82K	5%	1/10W 1/10W
R342	1-216-041-00		470 5			R517	1-216-031-00	METAL GLAZE	180	5%	1/10W
R343	1-216-031-00			0K/KV-M140	1K ONLY)	R518 R519	1-216-295-00 1-216-049-00	METAL GLAZE	0 1K	5% 5%	1/10W 1/10W
R346 R347	1-216-037-00 1-216-089-00	METAL GLAZE	330 5 47K 5			R520 R521	1-216-258-00 1-216-053-00	METAL GLAZE	330K 1.5K	5% 5%	1/8W 1/10W
R348	1-216-033-00	METAL GLAZE	220 5			R522	1-215-863-11		100	5%	1W
R349 R350	1-216-029-00 1-216-041-00	METAL GLAZE	150 5 470 5			R523 R524	1-247-754-11 1-216-099-00	CARBON METAL GLAZE	1.5K 120K	5% 5%	1/2W 1/10W
R351 R352	1-216-043-00 1-216-039-00	METAL GLAZE	560 59 390 59	% 1/10W		R525 R527	1-216-065-00 1-215-869-11	METAL GLAZE	4.7K		1/10W
R353	1-249-438-11	CARBON	56K 5			R532	1-216-081-00		1K 22K	5₹ 5₹	1W 1/10W

Les composants identifies par une trame et une marque 🛕 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Λ	KV-M1400K / M1401K	
Α	KV-M1400D / M1401D	

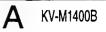
A KV-M1400B

REF.NO.	PART NO.	DESCRIPTIO	N		REMARK	REF.NO.		PART NO.	DESCRIPTION	<u> </u>		REMARK
R533 R534 R535	1-216-133-00 1-216-069-00 1-216-107-00	METAL GLAZE	3.3M 6.8K 270K	5%	1/10W 1/10W 1/10W	RV502 RV503			RES, ADJ, META RES, ADJ, CARI			
R539 R542	1-216-049-00 1-216-025-00	METAL GLAZE	1K	5% 5%	1/10W 1/10W	RV504 RV505 RV801		1-238-009-11	RES, ADJ, CARI RES, ADJ, CARI RES, ADJ, CARI	BON 220		
R543 R545	1-249-408-11 1-216-278-00	METAL GLAZE	2.2M		1/4W 1/8W			<swit< td=""><td>'CH></td><td></td><td></td><td></td></swit<>	'CH>			
R548 R601 & R602	1-216-049-00 1-205-909-11 1-214-923-00	WIREWOUND	1K 3.3 270K	5% 5% 5%	1/10W 10W 1/2W	S001 S002 S003		1-571-532-21	SWITCH, TACTII SWITCH, TACTII SWITCH, TACTII	<u></u>		
R603 R604	1-215-903-11 1-247-752-11			5% 5%	2W 1/2W	S601	Æ		SWITCH, PUSH		ER)	
R606 R608 R609	1-212-877-11 1-215-884-11 1-207-905-00	FUSIBLE METAL OXIDE	68 47	5% 5% 10%	1/4W 2W 2W	SG801		<spaf 1-519-422-11</spaf 	K GAP> GAP, SPARK			
R611 R612	1-214-915-00 1-217-137-11	CARBON	120K 0.33	5% 5%	1/2W 1/4W			<tram< td=""><td>ISFORMER></td><td></td><td></td><td></td></tram<>	ISFORMER>			
R613 R614 R615	1-217-811-11 1-216-037-00 1-216-013-00	FUSIBLE METAL GLAZE METAL GLAZE	0.47 330 33	5% 5% 5%	1/4W 1/10W 1/10W	T601 T603 T604 T605	<u>∧</u>	1-424-391-11	LFT TRANSFORMER, TRANSFORMER, I			
R617 R620	1-216-354-11 1-216-465-11	METAL OXIDE	27K	5% 5%	1W F 2W	T801		1-437-090-00		. 400		···· 1603
R621 R626 A	1-216-465-11 1-216-238-00	METAL GLAZE	47K	5% 5%	2W 1/8W TV-M1401D ONLY)	T802	26.	1-439-432-11	TRANSFORMER MISTOR>	ASSY,	FLIEACK	UX-1623
R627 A	1-216-238-00	METAL GLAZE	47K	5%	1/8W TV-M1401D ONLY)	THP601	Æ		THERMISTOR (PO	OSITIVE) .	
R628	1-218-265-11		8.2M		1W			<tune< td=""><td>TR></td><td></td><td>•</td><td></td></tune<>	TR>		•	
R629	1-213-096-00		(KV-M14		1W CV-M1401D ONLY)	TU101			TUNER (BT-3C)		(M140 0K/I	
R801 R802 R803	1-217-778-11. 1-217-826-11 1-216-355-11	FUSIBLE	1K 10K 3.3	5% 5% 5%	1W F 1/4W 1W F			1-693-093-11 <crys< td=""><td>TUNER (BT-3C42</td><td>21)</td><td>(M14O 0D/I</td><td>11401D)</td></crys<>	TUNER (BT-3C42	21)	(M14O 0D/I	11401D)
R804 R805	1-216-013-00 1-216-065-00		33 4.7K	5% 5%	1/10W 1/10W	X001 X331		1-577-619-11	VIBRATOR, CRYS	STAL RYSTAL		•
R806 R807 R808	1-216-049-00 1-216-069-00 1-216-091-00	METAL GLAZE METAL GLAZE	1K 6.8K 56K	5%	1/10W 1/10W 1/10W	X332				(KV-M14	00K/KV-M	1401K ONLY)
R809	1-216-083-00			5% 5%	1/10W 1/10W	*****	***	*******	*******	*****	*****	*****
R810 R811 R812 R813	1-216-095-00 1-216-099-00 1-217-778-11 1-212-877-11	METAL GLAZE FUSIBLE			1/10W 1/10W 1W F 1/4W			*A-1632-125-A	A BOARD, COMP	LETE ****	(MI(OOB)	
R814	1-217-820-11		3.3K		1/4W	TP15		*1-535-084-00 *4-200-399-11	1P TERMINAL P SPACER, IC	IN		
R816 R817	1-247-889-00 1-216-071-00	CARBON METAL GLAZE	270K 8.2K	5%	1/4W 1/10W			<cap.< td=""><td>ACITOR></td><td></td><td></td><td></td></cap.<>	ACITOR>			
R818 R819	1-202-830-00 1-217-811-11		10K 0.47	10% 5%	1/2W 1/4W	C001		1-126-101-11		100MF 0.1MF	20% 10%	
R820 R821	1-217-811-11 1-216-059-00	METAL GLAZE	0.47 2.7K		. 1/4W 1/10W	C002 C003 C004		1-123-382-00	CERAMIC CHIP ELECT	0.01MF 3.3MF	20%	50 V 50 V
R822 R824	1-216-204-00 1-215-863-11	METAL GLAZE METAL OXIDE	1.8K 100	5%	1/8W 1W F	C005		1-126-103-11		470MF	20% 5%	16V 50V
R826 R827	1-216-025-00 1-216-081-00		100 22K	5% 5%	1/10W 1/10W	C006 C007 C009		1-163-117-00 1-124-907-11 1-124-907-11		100PF 10MF 10MF	20% 20%	50V
R850 R851	1-215-882-00 1-247-895-00	METAL OXIDE	22 470K	5%	2W F 1/4W	C010 C012			CERAMIC CHIP		5% 20%	50V
	<var< td=""><td>IABLE RESISTOR</td><td>></td><td></td><td></td><td>C018 C020</td><td></td><td>1-163-031-11 1-124-903-11</td><td>CERAMIC CHIP</td><td>0.01MF 1MF</td><td>20%</td><td>50V 50V</td></var<>	IABLE RESISTOR	>			C018 C020		1-163-031-11 1-124-903-11	CERAMIC CHIP	0.01MF 1MF	20%	50V 50V
RV001 RV331 RV501	1-241-627-11 1-241-627-11 1-241-630-11	RES, ADJ, CA RES, ADJ, CA RES, ADJ, CA	kbon 1k			C021 C023 C024		1-124-907-11 1-124-907-11 1-124-907-11	ELECT ELECT	10MF 10MF 10MF	20% 20% 20%	50V 50V

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REF.NO. C025 C026 C030 C037 C038	PART NO. 1-124-916-11 1-124-903-11 1-124-903-11 1-163-034-00 1-163-009-11		20% 20% 20%	50V 50V 50V 50V 50V 50V	REF.NO. C163 C201 C202 C203 C204	PART NO. 1-164-232-11 1-124-916-11 1-124-925-11 1-163-009-11 1-124-480-11	DESCRIPTION CERAMIC CHIP 0.01MF ELECT 22MF ELECT 2.2MF CERAMIC CHIP 0.001MF ELECT 470MF	10% 20% 20% 10% 20%	8 REMARK 50V 50V 50V 50V 50V 25V
C039 C041 C055 C058 C059	1-163-117-00 1-124-478-11 1-163-075-00 1-162-623-11 1-163-031-11	CERAMIC CHIP 100PF ELECT 100MF CERAMIC CHIP 0.047MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.01MF	5% 20% 10%	50V 25V 50V 25V 50V	C206 C207 C208 C209 C210	1-163-011-11 1-124-925-11 1-126-104-11 1-124-910-11 1-106-228-00	CERAMIC CHIP 0.0015MF ELECT 2.2MF ELECT 470MF ELECT 47MF MYLAR 0.22MF	10% 20% 20% 20% 10%	50V 50V 35V 50V 100V
C062 C063 C101 C102 C103	1-126-101-11 1-163-017-00 1-124-907-11 1-124-910-11 1-163-105-00	ELECT 100MF CERAMIC CHIP 0.0047MF ELECT 10MF ELECT 47MF CERAMIC CHIP 333PF	20% 10% 20% 20% 5%	16V 50V 50V 50V 50V	C302 C303 C304 C305 C306	1-163-059-00 1-163-059-00 1-163-038-00 1-124-910-11 1-106-220-00	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF ELECT 47MF MYLAR 0.1MF	20% 10%	50V 50V 25V 50V 100V
C104 C105 C107 C108 C109	1-164-665-11 1-164-665-11 1-124-477-11 1-124-916-11 1-163-031-11	CERAMIC CHIP 0.039MF CERAMIC CHIP 0.039MF ELECT 47MF ELECT 22MF CERAMIC CHIP 0.01MF	10% 10% 20% 20%	50V 50V 16V 50V 50V	C307 C308 C309 C311 C312	1-163-038-00 1-124-910-11 1-163-099-00 1-163-133-00 1-163-121-00	CERAMIC CHIP 0.1MF ELECT 47MF CERAMIC CHIP 18PF CERAMIC CHIP 470PF CERAMIC CHIP 150PF	20% 5% 5% 5%	25V 50V 50V 50V 50V
C110 C111 C112 C114 C115	1-124-927-11 1-124-907-11 1-163-119-00 1-163-127-00 1-163-031-11	ELECT 4.7MF ELECT 10MF CERAMIC CHIP 120PF CERAMIC CHIP 270PF CERAMIC CHIP 0.01MF	20% 20% 5% 5%	50V 50V 50V 50V 50V	C313 C314 C316 C317 C318	1-163-105-00 1-163-103-00 1-163-377-11 1-163-093-00 1-164-232-11	CERAMIC CHIP 33PF CERAMIC CHIP 27PF CERAMIC CHIP 100PF CERAMIC CHIP 10PF CERAMIC CHIP 0.01MF	5% 5% 5% 5% 10%	50V 50V 50V 50V 50V
C117 C118 C119 C120 C121	1-163-017-00 1-163-017-00 1-163-017-00 1-163-173-00 1-163-029-11	CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 47PF CERAMIC CHIP 0.0047MF	10% 10% 10% 5%	50V 50V 50V 50V 50V	C319 C321 C323 C329 C330	1-163-038-00 1-163-038-00 1-163-055-00 1-131-367-00 1-163-117-00	CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.0047MF TANTALUM 22MF CERAMIC CHIP 100PF	10% 10% 5%	25V 25V 50V 16V 50V
C122 C123 C125 C126 C128	1-163-029-11 1-163-117-00 1-124-917-11 1-124-925-11 1-163-025-11	CERAMIC CHIP 0.0047MF CERAMIC CHIP 100PF ELECT 33MF ELECT 2.2MF CERAMIC CHIP 0.001MF	5% 20% 20%	50V 50V 50V 50V	C331 C332 C333 C334 C335	1-124-927-11 1-130-783-00 1-163-037-11 1-163-063-00 1-163-063-00	ELECT 4.7MF MYLAR 0.33MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF	20% 10% 10% 10%	50V 100V 25V 50V 50V
C129 C130 C131 C132 C133	1-136-171-00 1-136-171-00 1-164-232-11 1-163-029-11 1-164-232-11	FILM 0.33MF FILM 0.33MF CERAMIC CHIP 0.01MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.01MF	5% 5% 10%	50V 50V 50V 50V 50V	C336 C337 C338 C339 C340	1-163-119-00 1-130-834-00 1-106-220-00 1-106-220-00 1-162-568-11	CERAMIC CHIP 120PF MYLAR 1MF MYLAR 0.1MF MYLAR 0.1MF CERAMIC CHIP 0.33MF	5% 10% 10% 10%	50V 63V 100V 100V 16V
C134 C135 C136 C139 C140	1-163-033-00	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.01MF	10% 10% 10%	400V 50V 50V 50V 50V	C341 C343 C344 C345 C346	1-130-783-00 1-106-383-00 1-130-783-00 1-163-187-00 1-163-033-00	MYLAR 0.047MF MYLAR 0.33MF CERAMIC CHIP 180PF	10% 10% 10% 5%	100V 100V 100V 50V 50V
C141 C142 C143 C144 C145	1-163-017-00 1-163-809-11	CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.047MF	10% 10% 10% 10%	50V 50V 25V 50V 25V	C347 C348 C349 C352 C353	1-163-037-11		10% 10% 10% 10%	25V 25V 25V 250V 250V
C146 C147 C148 C149 C151	1-163-809-11 1-163-809-11 1-164-665-11 1-124-119-00 1-124-925-11	ELECT 330MF	10% 10% 10% 20% 20%	25V 25V 50V 16V 50V	C354 C355 C356 C357 C358	1-163-037-11 1-163-237-11	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 27PF CERAMIC CHIP 0.01MF ELECT 2200MF	10% 10% 5% 20%	25V 25V 50V 50V 16V
C154 C155 C156 C157 C161	1-216-266-00	CERAMIC CHIP 0.0027MF ELECT 47MF	10% 1/8W 5% 20% 5%	50V 50V 50V 50V	C359 C360 C361 C367 C370	1-124-903-11 1-163-237-11	CERAMIC CHIP 27PF CERAMIC CHIP 0.01MF	5% 20% 5% 20%	50V 50V 50V 50V 50V

Les composants identifies par une trame et une marque 🛕 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REF.NO.	PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTIO	<u>N</u>		REMARK
C388 C401 C403 C404 C430	1-106-220-00 1-124-910-11 1-163-133-00 1-163-031-11 1-164-336-11	ELECT 47M	0PF 5% 01MF	100V 50V 50V 50V 25V	C623 Δ C624	1-136-517-11 1-164-246-61 1-161-754-00 1-164-246-61 1-136-559-11	CERAMIC CERAMIC CERAMIC	0.22MF 0.0022MF 0.001MF 0.0022MF 0.0047MF	20% 20% 10% 20% 10%	300V 400V 2KV 400V 400V
C431 C432 C433 C434 C475	1-124-910-11 1-163-031-11 1-124-916-11 1-163-031-11 1-124-916-11	CERAMIC CHIP 0.0 ELECT 22N CERAMIC CHIP 0.0 ELECT 22N	01MF MF 20% 01MF	50V 50V 25V 50V 50V	C802 C803 C804 C805 C806	1-102-212-00 1-102-244-00 1-126-101-11 1-136-076-00 1-106-389-00		820PF 220PF 100MF 0.0085MF 0.082MF	10% 10% 20% 3% 10%	500V 500V 16V 2KV 200V
C476 C490 C499 C501 C502	1-108-702-11 1-124-910-11 1-163-205-00 1-163-181-00 1-163-005-11	MYLAR 0.0 ELECT 47N CERAMIC CHIP 0.0 CERAMIC CHIP 100 CERAMIC CHIP 470	001MF 10% 0PF 5%	100V 50V 50V 50V 50V	C807 C808 C809 C811 C812	1-162-116-00 1-136-932-11 1-106-367-00 1-136-540-11 1-124-634-11	MYLAR	680PF 0.82MF 0.01MF 0.82MF 1MF	10% 5% 10% 5% 20%	2KV 100V 400V 160V 250V
C503 C504 C505 C506 C507	1-163-181-00 1-124-122-11 1-124-916-11 1-106-228-00 1-124-557-11	ELECT 22M MYLAR 0.2	OMF 20%	50V 50V 50V 100V 25V	C813 C814 C815 C816 C817	1-163-009-11 1-123-932-00 1-124-916-11 1-102-228-00 1-123-948-00	ELECT	0.001MF 4.7MF 22MF 470PF 22MF	10% 20% 20% 10% 20%	50V 160V 50V 500V 250V
C508 C509 C510 C511 C512	1-163-117-00 1-162-568-11 1-163-081-00 1-163-117-00 1-108-702-11	CERAMIC CHIP 100 CERAMIC CHIP 0.2 CERAMIC CHIP 0.2 CERAMIC CHIP 100 MYLAR 0.0	33MF 10% 22MF	50V 16V 25V 50V 100V	C818 C819 C820 C821 C822	1-106-375-12 1-162-114-00 1-162-318-11 1-126-101-11 1-162-318-11	ELECT	0.022MF 0.0047MF 0.001MF 100MF 0.001MF	10% 10% 20% 10%	250V 2KV 500V 16V 500V
C513 C514 C515 C516 C517	1-124-927-11 1-136-298-00 1-163-035-00 1-163-113-00 1-163-033-00		PF 5%	50V 100V 50V 50V 50V	C823 C824 C825 C840	1-126-233-11 1-124-913-11 1-106-367-00 1-124-902-00	ELECT MYLAR ELECT	22MF 470MF 0.01MF 0.47MF	20% 20% 10% 20%	50V 50V 400V 50V
C520 C521 C522 C523 C524	1-163-033-00 1-131-381-00 1-163-029-11 1-163-029-11 1-106-228-00	CERAMIC CHIP 0.0 TANTALUM 47M CERAMIC CHIP 0.0 CERAMIC CHIP 0.0 MYLAR 0.2	MF 10% 0047MF	50V 10V 50V 50V 100V	CD101 CF501 SWF101 SWF102 SWF103	<pre></pre>	DISCRIMINATO TRAP, CERAMIO FILTER, SURF	C		
C525 C526 C527 C528 C529	1-106-375-12 1-124-910-11 1-163-017-00 1-163-017-00 1-163-117-00	MYLAR 0.0 ELECT 471 CERAMIC CHIP 0.0 CERAMIC CHIP 100 CERAMIC CHIP 100	0047MF 10% 0047MF 10%	250V 50V 50V 50V 50V	XF501		ECTOR>			
C530 C531 C532 C535 C536	1-163-121-00	CERAMIC CHIP 100 CERAMIC CHIP 0.0	0PF 5% 0PF 5%	50V 50V 50V 50V 50V	CNA62 A CNA64	*1-560-290-00 *1-568-878-51 *1-508-765-11 *1-580-844-11 *1-508-784-00	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO	OR 3P OR (5MM PIT(OR (POWER) OR (5MM PIT(H) 3P	
	1-163-038-00 1-124-282-00 1-163-111-00 1-161-964-61 1-162-964-61	ELECT 221 CERAMIC CHIP 561 CERAMIC 0.0	MF 20%	25V 16V 50V 250V 250V	CNA81 CNA82 CNA83	*1-508-768-00 *1-580-798-11 *1-508-765-00 <trim< td=""><td>CONNECTOR PIL</td><td>N (DY) 6P</td><td></td><td></td></trim<>	CONNECTOR PIL	N (DY) 6P		
C603	1-162-599-12		0047MF	250V	CT332	1-141-418-11	CAP, ADJ			
C604	1-125-318-00	ELECT(BLOCK) 22	OMF 20%	400V		<diod< td=""><td>E></td><td></td><td></td><td></td></diod<>	E>			
C606 C607 C608	1-104-728-11 1-106-367-00 1-161-753-00	MYLAR 0.	047MF 10% 01MF 10% '0PF 10%	630V 400V 3KV	D002	8-719-920-55 *4-200-407-01 8-719-104-34				
C609 C610 C612	1-124-347-00 1-124-557-11 1-102-228-00	ELECT 10 CERAMIC 47	00MF 20% 000MF 20% 70PF 10%	160V 25V 500V	D006 D007 D008	8-719-400-18 8-719-400-18 8-719-105-82	DIODE MA152WI	ζ		
C614 C618	1-126-101-11 1-124-916-11		00MF 20%	16V 50V	D009	8-719-105-82	DIODE RD5.1M	-B2		

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REF.NO. PART NO. DESCRIPTION 8-719-911-19 DIODE 1SS119 D011 D020 8-719-911-19 DIODE 1SS119 D101 8-719-929-08 DIODE HZS7.5NB3 8-719-929-08 DIODE HZS7.5NB3 D102 D103 8-719-929-08 DIODE HZS7.5NB3 D105 8-719-400-18 DIODE MA152WK D110 8-719-930-33 DIODE GL-3PR3 8-719-104-34 DIODE 1S2836 D301 D302 8-719-800-76 DIODE 1SS226 D303 8-719-104-34 DIODE 1S2836 8-719-800-76 DIODE 1SS226 D305 8-719-400-18 DIODE MA152WK D306 D313 8-719-800-76 DIODE 1SS226 D321 8-719-109-89 DIODE RD5.6ESB2 D324 8-719-104-34 **DIODE 1S2836** D333 8-719-911-19 DIODE 1SS119 D334 8-719-104-34 DIODE 1S2836 D402 8-719-109-97 DIODE RD6.8ESB2 D403 8-719-109-97 DIODE RD6.8ESB2 D404 8-719-109-97 DIODE RD6.8ESB2 D405 8-719-929-12 DIODE HZS8.2NB3 8-719-929-12 D406 DIODE HZS8.2NB3 8-719-109-97 D411 DIODE RD6.8ESB2 D412 8-719-010-34 DIODE UZ-4.7BSC D417 8-719-104-34 DIODE 1S2836 8-719-104-34 D418 **DIODE 1S2836** D426 8-719-109-96 DIODE RD6.8ESB1 8-719-911-19 D427 DIODE 1SS119 D450 8-719-109-97 DIODE RD6.8ESB2 8-719-950-57 D501 DIODE BYD33G D503 8-719-911-19 DIODE 1SS119 D504 8-719-400-18 DIODE MA152WK D511 8-719-903-27 DIODE 1SS168 8-719-400-18 DIODE MA152WK D519 D601 8-719-311-72 DIODE RBV-406H-01 D602 8-719-976-64 DIODE RGP02-17 D603 8-719-908-03 DIODE GPOSD 8-719-979-85 D604 DIODE EGP20G 8-719-950-57 D605 DIODE BYD33G D606 8-719-980-78 DIODE ERA83-006 8-719-950-57 D607 DIODE BYD33G 8-719-950-57 D608 DIODE BYD33G 8-719-908-03 D609 DIODE GP08D D610 8-719-936-83 DIODE GP08D D611 8-719-303-49 DIODE R2M 8-719-945-80 D801 DIODE ERC06-15S 8-719-979-85 D802 DIODE EGP20G D803 8-719-950-57 DIODE BYD33G D805 8-719-950-57 DIODE BYD33G D806 8-719-964-64 DIODE RGP02-17 8-719-950-57 D807 DIODE BYD33G D808 8-719-950-57 DIODE BYD33G D809 8-719-400-18 DIODE MA152WK D810 8-719-908-03 DIODE GP08D D811 8-719-908-03 DIODE GP08D D820 8-719-911-19 DIODE 1SS119

Les composants identifies par une trame et une marque 🛦 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REMARK

The components identified by shading and marked \triangle are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION AY LINE>		REMARK
DL301	1-236-062-11	MODULE, Y DELA	Y LINE	
	<fus< td=""><td>E></td><td></td><td></td></fus<>	E>		
F601 A	1-576-231-21 4-201-057-01 1-533-230-12	FUSE (H.B.C.) COVER, FUSE; FHOLDER, FUSE;	601	
	<ic></ic>			
IC001 IC002 IC003 IC004 IC005	8-759-062-07 8-759-043-86 8-741-139-80 8-759-805-37 8-759-157-40	IC ST24C02AB1 IC BX-1398 IC L78LR05D-MA		
IC101 IC102 IC201 IC301 IC302	8-759-521-32 8-759-044-41 8-759-502-74 8-759-505-39 8-759-512-04	IC TDA3827/V3 IC TDA7245 IC TDA4660/V2		
IC331 IC501 IC502 IC601	8-759-521-22 8-759-113-05 *4-389-343-11 8-759-515-72 8-749-901-65 *4-368-683-11	IC UPC1488H SPRING, IC501 IC TDA8304 IC STR54041	STOR IC601	
IC801 IC802	8-759-945-58 8-759-604-39 *4-389-343-11	IC L78M12L		
	<jac< td=""><td><></td><td></td><td></td></jac<>	<>		
J401	1-695-551-11	SOCKET 21P		
	<c0i< td=""><td><u>'</u>></td><td></td><td></td></c0i<>	<u>'</u> >		
L001 L102 L103 L104 L106	1-408-409-00 1-408-409-00 1-408-399-00 1-408-399-00 1-408-415-00	INDUCTOR INDUCTOR INDUCTOR	10UH 10UH 1.5UH 1.5UH 33UH	
L107 L110 L301 L302 L303	1-408-410-00 1-408-409-00 1-408-409-00 1-408-419-00 1-408-425-00	INDUCTOR INDUCTOR	12UH 10UH 10UH 68UH 220UH	
L331 L406 L501 L502 L504	1-404-554-11 1-408-417-00 1-404-558-11 1-408-406-00 1-404-556-11	COIL INDUCTOR COIL INDUCTOR COIL	47UH 5.6UH	
L506 L801 L802 L804 L805	1-408-411-00 1-407-365-00 1-420-872-00 1-459-856-11 1-408-236-00	INDUCTOR COIL, CHOKE COIL, AIR CORE COIL, FERRITE INDUCTOR	15UH 2.7MMH	
L806 L807 L808 LV301	1-459-756-12 1-410-067-21 1-408-226-00 1-404-554-11	COIL, HORIZONTA INDUCTOR INDUCTOR COIL	AL LINEARITY 4.7MMH 82UH	

Les composants identifies par une trame et une marque $\hat{\Lambda}$ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	ON .		REMARK
PS801	<ic :<="" td=""><td>LINK, IC (ICP-N15) 0.6A</td><td></td><td>JR010 JR011 JR012 JR015</td><td>1-216-295-00 1-216-295-00 1-216-295-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>0 0 0</td><td>5% 5% 5%</td><td>1/10W 1/10W 1/10W 1/10W</td></ic>	LINK, IC (ICP-N15) 0.6A		JR010 JR011 JR012 JR015	1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0	5% 5% 5%	1/10W 1/10W 1/10W 1/10W
	<trai< td=""><td>NSISTOR></td><td></td><td>JR016</td><td>1-216-295-00</td><td>METAL GLAZE</td><td>0</td><td>5%</td><td>1/10W</td></trai<>	NSISTOR>		JR016	1-216-295-00	METAL GLAZE	0	5%	1/10W
Q001 Q003 Q004 Q005 Q006	8-729-230-49 8-729-901-01 8-729-230-49 8-729-923-54 8-729-922-66	TRANSISTOR 2SC2712-YG TRANSISTOR DTC144EK TRANSISTOR 2SC2712-YG TRANSISTOR DTA143TK TRANSISTOR 2SC2410SN		JR017 JR018 JR019 JR020 JR021	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	59 59 59 59 59	1/10W 1/10W 1/10W 1/10W 1/10W
Q007 Q015 Q016 Q017 Q019	8-729-230-49 8-729-230-49 8-729-901-47 8-729-216-22 8-729-901-06	LINK> LINK, IC (ICP-N15) 0.6A NSISTOR> TRANSISTOR 2SC2712-YG TRANSISTOR DTC144EK TRANSISTOR 2SC2712-YG TRANSISTOR DTA143TK TRANSISTOR 2SC2410SN TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR DTA143EK TRANSISTOR DTA144EK TRANSISTOR DTA144EK TRANSISTOR DTC124EK		JR022 JR023 JR026 JR028 JR029	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% % % % 55% 55% 55%	1/10W 1/10W 1/10W 1/10W 1/10W
Q020 Q101 Q102 Q103 Q104	8-729-901-00 8-729-901-47 8-729-901-47 8-729-901-47 8-729-230-49	TRANSISTOR DTA144EK TRANSISTOR DTC124EK TRANSISTOR DTA143EK TRANSISTOR DTA143EK TRANSISTOR DTA143EK TRANSISTOR DTA143EK TRANSISTOR DTC144EK TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR BF199-AMMO TRANSISTOR DTC114TK TRANSISTOR DTC114EK TRANSISTOR DTC114EK TRANSISTOR DTC114EK TRANSISTOR DTC124EK TRANSISTOR BF199-AMMO TRANSISTOR BF199-AMMO TRANSISTOR BF959-AMMO TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG		JR034 JR035 JR036 JR037 JR038	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5 % % % % % % % % % % % % % % % % % % %	1/10W 1/10W 1/10W 1/10W 1/10W
Q105 Q106 Q107 Q108 Q109	8-729-901-01 8-729-230-49 8-729-216-22 8-729-907-06 8-729-902-99	TRANSISTOR DTC144EK TRANSISTOR 2SC2712-YG TRANSISTOR 2SA1162G TRANSISTOR BF199-AMMO TRANSISTOR DTC114TK		JR039 JR040 JR041 JR042 JR044	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1/10W 1/10W 1/10W 1/10W 1/10W
Q110 Q111 Q112 Q113 Q114	8-729-230-49 8-729-900-53 8-729-230-49 8-729-901-00 8-729-901-00	TRANSISTOR 2SC2712-YG TRANSISTOR DTC114EK TRANSISTOR 2SC2712-YG TRANSISTOR DTC124EK TRANSISTOR DTC124EK		JR060 JR099 JR101 JR102 JR103	1-216-295-00 1-216-295-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5% 5%	1/10W 1/10W 1/8W 1/8W 1/8W
Q115 Q123 Q140 Q141 Q302	8-729-901-00 8-729-230-49 8-729-907-06 8-729-014-99 8-729-230-49	TRANSISTOR DTC124EK TRANSISTOR 2SC2712-YG TRANSISTOR BF199-AMMO TRANSISTOR BF959-AMMO TRANSISTOR 2SC2712-YG		JR104 JR105 JR106 JR107 JR108	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q303 Q304 Q305 Q307 Q308	8-729-230-49	TRANSISTOR 2SC2712-YG TRANSISTOR 2SC2712-YG		JR109 JR110 JR111 JR117 JR118	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE	0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q310 Q311 Q401 Q457 Q501	8-729-230-49 8-729-216-22 8-729-230-49 8-729-216-22 8-729-901-00			JR123 JR125 JR126 JR127 JR128	1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q502 Q503 Q504 Q505 Q601	8-729-901-05 8-729-901-01 8-729-230-49 8-729-216-22 8-729-906-74	TRANSISTOR DTA124EK TRANSISTOR DTC144EK TRANSISTOR 2SC2712-YG TRANSISTOR 2SA1162G TRANSISTOR BC637-16		JR129 JR130 JR131 JR133 JR134	1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
Q801 Q802 Q803	8-729-119-80 8-729-925-64 8-729-904-27 <resi< td=""><td>TRANSISTOR 2SC2688-LK TRANSISTOR BU508AS2 TRANSISTOR 2SD1761-E STOR></td><td></td><td>JR135 JR137 JR139 JR140 JR141</td><td>1-216-296-00 1-216-296-00</td><td>METAL GLAZE</td><td>0 0 0</td><td>5% 5% 5% 5%</td><td>1/8W 1/8W 1/8W 1/8W 1/8W</td></resi<>	TRANSISTOR 2SC2688-LK TRANSISTOR BU508AS2 TRANSISTOR 2SD1761-E STOR>		JR135 JR137 JR139 JR140 JR141	1-216-296-00 1-216-296-00	METAL GLAZE	0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W
JR003	1-216-295-00		1/10W	JR144					
JR004 JR005 JR006 JR009	1-216-295-00 1-216-295-00	METAL GLAZE 0 5% METAL GLAZE 0 5%	1/10W 1/10W 1/10W 1/10W 1/10W	JR144 JR147 JR148 JR149 JR150	1-216-296-00 1-216-296-00 1-216-296-00		0	5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W

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REF.NO.	PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTIO	<u>N</u>	REMARK
JR155 JR182 JR183 JR184 JR186	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 11-216-296-00	METAL GLAZE 0	5% 5% 5% 5% 5%	1/8W 1/8W 1/8W 1/8W 1/8W	R060 R061 R062 R064 R075	1-216-234-00 1-216-079-00 1-216-242-00 1-216-091-00 1-216-248-00	METAL GLAZE METAL GLAZE METAL GLAZE	33K 5 18K 5 68K 5 56K 5 120K 5	% 1/10W % 1/8W % 1/10W
JRC138 R001 R002 R003 R004	1-216-295-00 1-216-069-00 1-216-081-00 1-216-081-00 1-216-083-00	METAL GLAZE 22 METAL GLAZE 22	5% .8K 5% 2K 5% 2K 5% 7K 5%	1/10W 1/10W 1/10W 1/10W 1/10W	R076 R077 R078 R079 R081	1-216-206-00 1-216-077-00 1-216-049-00 1-216-049-00 1-216-198-00	METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 5 15K 5 1K 5 1K 5 1K 5	% 1/10W % 1/10W % 1/10W
R005 R006 R007 R008 R009	1-216-206-00 1-216-254-00 1-216-190-00 1-216-049-00 1-216-049-00	METAL GLAZE 22 METAL GLAZE 4		1/8W 1/8W 1/8W 1/10W 1/10W	R082 R083 R084 R086 R087	1-216-049-00 1-216-065-00 1-216-057-00 1-216-065-00 1-216-027-00	METAL GLAZE METAL GLAZE	1K 5 4.7K 5 2.2K 5 4.7K 5 120 5	% 1/10W % 1/10W % 1/10W
R010 R011 R012 R013 R014	1-216-198-00 1-216-035-00 1-216-248-00 1-216-077-00 1-216-689-11	METAL GLAZE 13	K 5% 70 5% 20K 5% 5K 5% 9K 5%	1/8W 1/10W 1/8W 1/10W 1/10W	R094 R095 R096 R097 R099	1-216-077-00 1-216-065-00 1-216-065-00 1-216-085-00 1-216-228-00	METAL GLAZE METAL GLAZE	15K 5 4.7K 5 4.7K 5 33K 5 18K 5	8 1/10W 8 1/10W 8 1/10W
R015 R016 R017 R018 R019	1-216-230-00 1-216-049-00 1-216-081-00 1-216-065-00 1-216-065-00	METAL GLAZE 11 METAL GLAZE 22 METAL GLAZE 4.	2K 5% K 5% 2K 5% .7K 5%	1/8W 1/10W 1/10W 1/10W 1/10W	R100 R101 R102 R103 R104	1-216-017-00 1-216-069-00 1-216-061-00 1-216-057-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47 56.8K 553.3K 552.2K 552.2K 553	8 1/10W 8 1/10W 8 1/10W
R020 R021 R022 R023 R024	1-216-065-00 1-216-049-00 1-216-198-00 1-216-051-00 1-216-065-00	METAL GLAZE 11 METAL GLAZE 11 METAL GLAZE 1.		1/10W 1/10W 1/8W 1/10W 1/10W	R105 R106 R109 R111 R112	1-216-109-00 1-216-081-00 1-216-190-00 1-216-085-00 1-249-411-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE CARBON	330K 55 22K 55 470 55 33K 55 330 55	8 1/10W 8 1/8W 8 1/10W
R025 R026 R028 R029 R030	1-216-097-00 1-216-089-00 1-216-085-00 1-216-041-00 1-216-077-00	METAL GLAZE 47 METAL GLAZE 33 METAL GLAZE 47	00K 5% 7K 5% 3K 5% 70 5% 5K 5%	1/10W 1/10W 1/10W 1/10W 1/10W	R113 R114 R115 R116 R117	1-216-085-00 1-216-238-00 1-216-045-00 1-216-049-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	33K 59 47K 59 680 59 1K 59 10K 59	1/8W 1/10W 1/10W
R031 R032 R033 R034 R035	1-216-073-00 1-216-057-00 1-216-057-00 1-216-238-00 1-216-077-00	METAL GLAZE 2. METAL GLAZE 2. METAL GLAZE 47	0K 5% .2K 5% .2K 5% 7K 5% 5K 5%	1/10W 1/10W 1/10W 1/8W 1/10W	R118 R119 R120 R121 R122	1-216-035-00 1-216-045-00 1-216-043-00 1-216-053-00 1-216-043-00	METAL GLAZE METAL GLAZE METAL GLAZE	270 59 680 59 560 59 1.5K 59 560 59	1/10W 1/10W 1/10W
R038 R040 R041 R042 R043	1-216-073-00 1-216-081-00 1-216-081-00 1-216-081-00 1-215-900-11	METAL GLAZE 22 METAL GLAZE 22 METAL GLAZE 22	0K 5% 2K 5% 2K 5% 2K 5% 2K 5%	1/10W 1/10W 1/10W 1/10W 2W	R123 R124 R125 R126 R128	1-216-033-00 1-216-041-00 1-216-057-00 1-216-073-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE	220 59 470 59 2.2K 59 10K 59 2.2K 59	1/10W 1/10W 1/10W
R044 R045 R046 R047 R048	1-216-105-00 1-216-089-00 1-216-081-00 1-216-079-00 1-216-202-00	METAL GLAZE 47 METAL GLAZE 22 METAL GLAZE 18	20K 5% 7K 5% 2K 5% 8K 5%	1/10W 1/10W 1/10W 1/10W 1/8W	R129 R130 R131 R132 R135	1-216-057-00 1-249-409-11 1-216-041-00 1-216-037-00 1-247-887-00	CARBON METAL GLAZE METAL GLAZE	2.2K 5% 220 5% 470 5% 330 5% 220K 5%	1/4W 1/10W 1/10W
R049 R050 R051 R052 R053	1-216-073-00 1-216-250-00 1-216-295-00 1-216-065-00 1-216-049-00	METAL GLAZE 15 METAL GLAZE 0 METAL GLAZE 4.	.7K 5%	1/10W 1/8W 1/10W 1/10W 1/10W	R136 R138 R139 R140 R141	1-216-041-00 1-216-057-00 1-216-295-00 1-216-037-00 1-216-021-00	METAL GLAZE METAL GLAZE METAL GLAZE	470 58 2.2K 58 0 58 330 58 68 58	1/10W 1/10W 1/10W
R054 R055 R056 R058 R059	1-249-395-11 1-216-057-00 1-216-041-00 1-249-434-11 1-216-089-00	METAL GLAZE 2. METAL GLAZE 47 CARBON 27	.2K 5%	1/4W 1/10W 1/10W 1/4W 1/4W	R142 R143 R144 R145 R146	1-216-065-00 1-216-033-00 1-216-065-00 1-216-031-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 5% 220 5% 4.7K 5% 180 5% 220 5%	1/10W 1/10W 1/10W

KV-M1400/M140

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								A	NV-1011400D
REF.NO.	PART NO.	DESCRIPTIO	N	REMARK	REF.NO.	PART NO.	DESCRIPTIO	N	REMARK
R147 R148 R149 R151 R152	1-216-073-00 1-216-017-00 1-216-182-00 1-216-057-00 1-216-061-00	METAL GLAZE METAL GLAZE	10K 59 47 59 220 59 2.2K 59 3.3K 59	1/10W 1/8W 1/10W	R352 R353 R354 R355 R356	1-216-039-00 1-249-438-11 1-216-081-00 1-216-049-00 1-216-041-00	METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE	390 5% 56K 5% 22K 5% 1K 5% 470 5%	1/10W 1/4W 1/10W 1/10W 1/10W
R153 R154 R155 R156 R157	1-215-867-00 1-216-061-00 1-216-250-00 1-216-065-00 1-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE	470 58 3.3K 58 150K 58 4.7K 58 22K 58	1/10W 1/8W 1/10W	R357 R360 R363 R364 R399	1-216-039-00 1-216-001-00 1-216-222-00 1-216-222-00 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	390 5% 10 5% 10K 5% 10K 5% 330 5%	1/10W 1/10W 1/8W 1/8W 1/10W
R199 R201 R202 R203 R204	1-216-041-00 1-216-073-00 1-216-057-00 1-216-298-00 1-247-741-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE CARBON	470 59 10K 59 2.2K 59 2.2 59 150 59	1/10W 1/10W 1/10W	R402 R403 R404 R405 R406	1-216-172-00 1-216-025-00 1-216-025-00 1-216-025-00 1-216-226-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	82 5% 100 5% 100 5% 100 5% 15K 5%	1/8W 1/10W 1/10W 1/10W 1/8W
R205 R206 R207 R303 R304	1-216-083-00 1-216-035-00 1-216-298-00 1-216-033-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	27K 59 270 59 2.2 59 220 59 220 59	1/10W 1/10W 1/10W	R407 R408 R409 R411 R412	1-216-226-00 1-216-091-00 1-216-021-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	15K 5% 56K 5% 68 5% 0 5% 0 5%	1/8W 1/10W 1/10W 1/10W 1/10W
R305 R306 R307 R308 R309	1-216-033-00 1-216-059-00 1-216-077-00 1-216-033-00 1-216-055-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 59 2.7K 59 15K 59 220 59 1.8K 59	1/10W 1/10W 1/10W	R413 R414 R420 R423 R424	1-216-295-00 1-216-041-00 1-216-182-00 1-216-095-00 1-216-222-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 470 5% 220 5% 82K 5% 10K 5%	1/10W 1/10W 1/8W 1/10W 1/8W
R310 R311 R312 R313 R314	1-216-049-00 1-216-051-00 1-216-174-00 1-216-174-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 59 1.2K 59 100 59 100 59 100 59	1/10W 1/8W 1/8W	R425 R426 R427 R428 R430	1-216-033-00 1-216-045-00 1-216-049-00 1-216-073-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 5% 680 5% 1K 5% 10K 5% 15K 5%	1/10W 1/10W 1/10W 1/10W 1/10W
R315 R316 R317 R320 R321	1-216-047-00 1-216-089-00 1-216-202-00 1-216-057-00 1-216-023-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	820 59 47K 59 1.5K 59 2.2K 59 82 59	1/10W 1/8W 1/10W	R432 R433 R434 R435 R436	1-249-403-11 1-216-083-00 1-216-029-00 1-216-033-00 1-216-089-00	CARBON METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	68 5% 27K 5% 150 5% 220 5% 47K 5%	1/4W 1/10W 1/10W 1/10W 1/10W
R322 R323 R324 R325 R326	1-216-053-00 1-216-192-00 1-216-065-00 1-249-410-11 1-216-035-00	METAL GLAZE CARBON	1.5K 59 560 59 4.7K 59 270 59 270 59	1/8W 1/10W 1/4W	R437 R501 R502 R503 R504	1-216-101-00 1-216-214-00 1-247-743-11 1-249-437-11 1-216-017-00	METAL GLAZE METAL GLAZE CARBON CARBON METAL GLAZE	150K 5% 4.7K 5% 220 5% 47K 5% 47 5%	1/10W 1/8W 1/2W 1/4W 1/10W
R327 R328 R329 R330 R331	1-216-121-00 1-216-001-00 1-216-109-00 1-216-244-00 1-216-113-00	METAL GLAZE METAL GLAZE METAL GLAZE	1M 59 10 59 330K 59 82K 59 470K 59	1/10W 1/10W 1/8W	R505 R507 R508 R509 R510	1-216-073-00 1-216-350-11 1-215-867-00 1-216-294-00 1-216-061-00	METAL OXIDE	10K 5% 1.2 5% 470 5% 10M 5% 3.3K 5%	1/10W 1W F 1W 1/8W 1/10W
R332 R333 R334 R335 R336	1-216-270-00 1-216-091-00 1-216-067-00 1-216-001-00 1-216-059-00	METAL GLAZE METAL GLAZE METAL GLAZE	1M 59 56K 59 5.6K 59 10 59 2.7K 59	1/10W 1/10W 1/10W	R511 R512 R513 R514 R515	1-216-244-00 1-216-089-00 1-216-053-00 1-216-051-00 1-216-683-11	METAL GLAZE	82K 5% 47K 5% 1.5K 5% 1.2K 5% 22K 0.5	1/8W 1/10W 1/10W 1/10W b 1/10W
R337 R338 R341 R342 R346	1-216-073-00 1-216-073-00 1-216-061-00 1-216-041-00 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 59 10K 59 3.3K 59 470 59 330 59	1/10W 1/10W 1/10W	R516 R517 R518 R519 R520	1-216-095-00 1-216-031-00 1-216-033-00 1-216-049-00 1-216-258-00	METAL GLAZE	82K 5% 180 5% 220 5% 1K 5% 330K 5%	1/10W 1/10W 1/10W 1/10W 1/8W
R347 R348 R349 R350 R351	1-216-089-00 1-216-033-00 1-216-029-00 1-216-041-00 1-216-043-00	METAL GLAZE METAL GLAZE METAL GLAZE	47K 59 220 59 150 59 470 59 560 59	1/10W 1/10W 1/10W	R521 R522 R523 R524 R525	1-216-053-00 1-215-863-11 1-247-754-11 1-216-099-00 1-216-065-00	METAL OXIDE	1.5K 5% 100 5% 1.5K 5% 120K 5% 4.7K 5%	1/10W 1W 1/2W 1/10W 1/10W

Α	K	(V-M1400B	A KV-M	1400U /	M140)1U/M1400E)0L/M1400A
REF.NO		PART NO.	DESCRIPTIO	N		REMARK
R526 R527 R528 R529 R530		1-216-073-00 1-215-869-11 1-216-065-00 1-216-097-00	METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE	10K 1K 4.7K 4.7K 100K	5% 5% 5% 5%	1/10W 1W 1/10W 1/10W 1/10W
R532 R533 R534 R535 R538		1-216-081-00 1-216-133-00 1-216-069-00 1-216-107-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 3.3M 6.8K 270K 100	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
R539 R542 R543 R545 R548		1-216-049-00 1-216-025-00 1-249-408-11 1-216-278-00 1-216-049-00	METAL GLAZE METAL GLAZE CARBON METAL GLAZE METAL GLAZE	1K 100 180 2.2M 1K	5% 5% 5% 5%	1/10W 1/10W 1/4W 1/8W 1/10W
R601 R602 R603 R604 R606	◭	1-205-909-11 1-214-923-00 1-215-903-11 1-247-752-11 1-212-877-11	WIREWOUND CARBON METAL OXIDE CARBON FUSIBLE	3.3 270K 68K 1K 68	5% 5% 5% 5%	10W 1/2W 2W 1/2W 1/4W
R608 R609 R611 R612 R613		1-215-884-11 1-207-905-00 1-214-915-00 1-219-137-11 1-217-811-11	METAL OXIDE WIREWOUND CARBON FUSIBLE FUSIBLE	47 0.27 120K 0.33 0.47	5% 10% 5% 5% 5%	2W 2W 1/2W 1/4W 1/4W
R614 R615 R617 R620 R621		1-216-037-00 1-216-013-00 1-216-354-11 1-216-465-11 1-216-465-11	METAL GLAZE METAL GLAZE METAL OXIDE METAL OXIDE METAL OXIDE	330 33 2.7 27K 27K	5% 5% 5% 5%	1/10W 1/10W 1W F 2W 2W
R628 R801 R802 R803 R804		1-218-265-21 1-217-778-11 1-217-826-11 1-216-355-11 1-216-013-00	METAL GLAZE FUSIBLE FUSIBLE METAL OXIDE METAL GLAZE	8.2M 1K 10K 3.3 33	5% 5% 5% 5%	1W F 1/4W F 1W F 1/10W
R805 R806 R807 R808 R809		1-216-065-00 1-216-049-00 1-216-069-00 1-216-091-00 1-216-083-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 1K 6.8K 56K 27K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
R810 R811 R812 R813 R814		1-216-095-00 1-216-099-00 1-217-778-11 1-212-877-11 1-217-820-11	METAL GLAZE METAL GLAZE FUSIBLE FUSIBLE FUSIBLE	82K 120K 1K 68 3.3K	5% 5% 5% 5%	1/10W 1/10W 1W F 1/4W 1/4W
R816 R817 R818 R819 R820		1-247-889-00 1-216-071-00 1-202-830-00 1-217-811-11 1-217-811-11	CARBON METAL GLAZE SOLID FUSIBLE FUSIBLE	270K 8.2K 10K 0.47 0.47	5% 5% 10% 5% 5%	1/4W 1/10W 1/2W 1/4W 1/4W
R821 R822 R826 R827 R850		1-216-059-00 1-216-204-00 1-216-025-00 1-216-081-00 1-215-882-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE	2.7K 1.8K 100 22K 22	5% 5% 5% 5%	1/10W 1/8W 1/10W 1/10W 2W F
R851		1-247-895-00	CARBON	4 70K	5%	1/4W
		<var< td=""><td>ABLE RESISTOR</td><td>></td><td></td><td></td></var<>	ABLE RESISTOR	>		
RV001		1-241-627-11	RES, ADJ, CA	RBON 1K		

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The components identified by shading and marked $\hat{\mathcal{L}}$ are critical for safety.
Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION PEG 127 G12201 17	REMARK
RV502	1-241-627-11 1-241-630-11 1-226-703-11 1-238-019-11	RES, ADJ, METAL GLAZE 10K	
RV504 RV505 RV801	1-238-019-11 1-238-009-11 1-238-019-11	RES, ADJ, CARBON 47K RES, ADJ, CARBON 220 RES, ADJ, CARBON 47K	
	<swit< td=""><td>CH></td><td></td></swit<>	CH>	
S002 S003	1-571-532-21 1-571-532-21 1-571-532-21 1-571-433-12	SWITCH, TACTIL	
	<spar< td=""><td>K GAP></td><td></td></spar<>	K GAP>	
SG801	1-519-422-11	GAP, SPARK	
	<tran< td=""><td>SFORMER></td><td></td></tran<>	SFORMER>	
T604 A	1-450-217-22 1-424-078-11 1-424-391-11 1-437-090-00 1-439-432-11	S.R.T TRANSFORMER, TRIGGER PULSE TRANSFORMER, LINE FILTER HDT TRANSFORMER ASSY, FLYBACK	UX-1620
	<ther< td=""><td>MISTOR></td><td></td></ther<>	MISTOR>	
THP601 ▲	1-806-165-12	THERMISTOR (POSITIVE)	
	<tune< td=""><td>R></td><td></td></tune<>	R>	
TU101	1-465-541-14	TUNER (BT-3C)	
	<crys< td=""><td>TAL></td><td></td></crys<>	TAL>	
X001 X332	1-577-619-11 1-567-131-00	VIBRATOR, CRYSTAL OSCILLATOR, CRYSTAL	
******	*********	*******	*****
	*A-1632-130-A	A BOARD, COMPLETE (M1400A	.)
	*A-1632-129-A	A BOARD, COMPLETE (M1400E	()
	*A-1632-132-A	A BOARD, COMPLETE (M1400L)
	*A-1632-126-A	A BOARD, COMPLETE (M1400U)
	*A-1632-112-A	A BOARD, COMPLETE (M1401U)
TP15	*1-533-230-11 *4-200-399-11 *1-535-084-00		
	<capa< td=""><td>CITOR></td><td></td></capa<>	CITOR>	
C001 C002 C003 C004 C005	1-126-101-11 1-106-220-00 1-163-031-11 1-123-382-00 1-126-103-11	MYLAR 0.1MF 1 CERAMIC CHIP 0.01MF ELECT 3.3MF 2	0% 16V 0% 100V 50V 0% 50V 0% 16V
C006 C007	1-163-117-00 1-124-907-11		% 50V 0% 50V

A KV-M1400U / M1401U / M1400E M1400L / M1400A

							A	M1400L	/ M1400A
REF.NO.	PART NO.	DESCRIPTION	P	REMARK	REF.NO.	PART NO.	DESCRIPTION	F	REMARK
C009 C010 C012	1-124-907-11 1-163-117-00 1-126-233-11	ELECT 10MF CERAMIC CHIP 100PF ELECT 22MF	20% 5% 20%	50V 50V 50V	C146	1-163-809-11	CERAMIC CHIP 0.047MF (KV-M1400A/KV-M1400E/F	10% CV-M140OL	25V ONLY)
C018 C020 C021 C023 C024	1-163-031-11 1-124-903-11 1-124-907-11 1-124-907-11 1-124-907-11		20% 20% 20% 20%	50V 50V 50V 50V 50V	C147 C148 C149 C151 C154	1-163-809-11 1-164-665-11 1-124-119-00 1-124-907-11 1-164-232-11	(KV-M1400A/KV-M1400E/F CERAMIC CHIP 0.039MF ELECT 330MF	10% CV-M1400L 10% 20% 20% 10%	25V ONLY) 50V 16V 50V 50V
C025 C026 C030 C037 C038	1-124-916-11 1-124-903-11 1-124-903-11 1-163-034-00 1-163-009-11	ELECT 22MF ELECT 1MF ELECT 1MF CERAMIC CHIP 0.033MF CERAMIC CHIP 0.001MF	20% 20% 20%	50V 50V 50V 50V 50V	C157 C160 C161	1-124-927-11 1-163-117-11 1-163-129-00	CERAMIC CHIP 100PF (KV-M1400L/KV-M1400U/F CERAMIC CHIP 330PF (KV-M1400L/KV-M1400U/F	5%	50V
C039 C041 C055 C058	1-163-117-00 1-124-478-11 1-163-075-00 1-163-077-00	CERAMIC CHIP 100PF ELECT 100MF CERAMIC CHIP 0.047MF CERAMIC CHIP 0.1MF	5% 20% 10%	50V 25V 50V 25V	C162 C163 C201	1-163-109-00 1-164-232-11 1-124-916-11	CERAMIC CHIP 47PF CERAMIC CHIP 0.01MF ELECT 22MF	75 (V-M1400L 10%	
C059 C062 C063 C101	1-163-031-11 1-126-101-11 1-163-017-00 1-124-477-11	CERAMIC CHIP 0.01MF ELECT 100MF CERAMIC CHIP 0.0047MF ELECT 47MF	20% 10% 20%	50V 16V 50V 16V	C202 C203 C204 C206	1-124-925-11 1-163-009-11 1-124-480-11 1-163-011-11	ELECT 2.2MF CERAMIC CHIP 0.001MF ELECT 470MF CERAMIC CHIP 0.0015MF	20% 10% 20% 10%	50V 50V 25V 50V
C102 C103 C104	1-124-910-11 1-163-105-00 1-164-665-11	ELECT 47MF CERAMIC CHIP 33PF CERAMIC CHIP 0.039MF	20% 5% 10% 10%	50V 50V 50V 50V	C207 C208 C209 C210 C302	1-124-925-11 1-126-104-11 1-124-910-11 1-106-228-00 1-163-059-00	ELECT 2.2MF ELECT 470MF ELECT 47MF MYLAR 0.22MF CERAMIC CHIP 0.01MF	20% 20% 20% 10%	50V 35V 50V 100V 50V
C105 C106 C107	1-164-665-11 1-163-031-11 1-124-477-11	CERAMIC CHIP 0.039MF -CERAMIC CHIP 0.01MF	KV-M1400A 20%	50V	C303 C304	1-163-059-00 1-163-038-00	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.1MF		50V 25V
C112	1-163-117-00 1-163-115-00	CERAMIC CHIP 100PF (KV-M1400A/ CERAMIC CHIP 82PF	5% KV-M1400E 5%	50V ONLY) 50V	C305 C306 C307	1-124-910-11 1-106-220-00 1-163-038-00	ELECT 47MF MYLAR 0.1MF CERAMIC CHIP 0.1MF	20% 10%	50V 100V 25V
C114	1-163-109-00 1-163-109-00	(KV-M1400U/ CERAMIC CHIP 47PF	5% (KV-M1400L 5%	50V ONLY) 50V	C308 C309 C314 C316 C317	1-124-910-11 1-163-099-00 1-163-103-00 1-163-377-11 1-163-093-00	ELECT 47MF CERAMIC CHIP 18PF CERAMIC CHIP 27PF CERAMIC CHIP 100PF CERAMIC CHIP 10PF	20% 5% 5% 5% 5%	50V 50V 50V 50V 50V
C115 C120	1-163-115-00 1-163-031-11 1-163-173-00	CERAMIC CHIP 82PF (KV-M1400L/KV-M1400U/ CERAMIC CHIP 0.01MF CERAMIC CHIP 47PF	5%	50V	C318 C319 C321	1-164-232-11 1-163-038-00 1-163-038-00	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF	10%	50V 25V 25V
C123		CERAMIC CHIP 100PF (KV-M1400A) CERAMIC CHIP 680PF	5% KV-M1400E 5%	50V ONLY) 50V	C323 C329	1-131-367-00	CERAMIC CHIP 0.0047MF TANTALUM 22MF CERAMIC CHIP 100PF	10%	50V 16V 50V
C125 C128 C130 C131	1-124-917-11	(KV-M1400L/KV-M1400U) ELECT 33MF CERAMIC CHIP 0.001MF FILM 0.33MF			C331 C332 C333 C334	1-124-927-11 1-130-783-00	ELECT 4.7MF MYLAR 0.33MF CERAMIC CHIP 0.022MF	20% 10% 10% 10%	50V 100V 25V 50V
C132 C133 C134 C135 C136	1-163-029-11 1-164-232-11 1-136-562-11 1-163-033-00	CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.01MF	10% 10%	50V 50V 400V 50V 50V	C335 C337 C340 C341 C343	1-130-834-00 1-162-568-11 1-130-783-00 1-130-785-11	CERAMIC CHIP 0.33MF MYLAR 0.33MF MYLAR 0.47MF	10% 10% 10% 10%	50V 63V 16V 100V 100V
C138 C139 C140 C141 C142	1-164-232-11 1-163-017-00	METAL GLAZE 0 59 CERAMIC CHIP 0.01MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.0047MF	1/10W 10% 10% 10% 10%	50V 50V 50V 50V	C344 C346 C347 C348 C349	1-163-037-11 1-163-037-11 1-163-037-11	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF	10% 10% 10%	100V 50V 25V 25V 25V
C143 C144 C145	1-163-809-11 1-163-017-00	CERAMIC CHIP 0.047MF CERAMIC CHIP 0.0047MF CERAMIC CHIP 0.047MF (KV-M1400A/KV-M1400E)	10% 10% 10% /KV-M1400L	25V 50V 25V ONLY)	C352 C353 C354 C355 C357	1-163-037-11 1-163-037-11	MYLAR 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.022MF CERAMIC CHIP 0.01MF	10% 10% 10%	250V 25V 25V 25V 50V
					4				

A KV-M1400U / M1401U / M1400E M1400L / M1400A

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Replace only with part number specified.

REF.NC	<u>)</u> .	PART NO.	DESCRIPTIO	<u>N</u>		REMARK	REF.NO.		PART NO.	DESCRIPTIO	N		REMARK
C358		1-124-556-11	ELECT	2200MF	20%	16V	C607		1-106-367-00	MYLAR	0.01MF	10%	400V
C360 C362		1-124-903-11 1-163-117-00	ELECT CERAMIC CHIP	1MF 100PF	20% 5%	50V 50V	C608 C609		1-161-753-00 1-124-347-00	CERAMIC ELECT	470PF 100MF	10% 20%	3KV 160V
		1 162 021 44	(KV-M1400U/KV		ONLY)	C610		1-124-557-11	ELECT	1000MF	20%	25V
C367 C370		1-163-031-11 1-124-916-11	CERAMIC CHIP	0.01MF 22MF	20%	50V 50V	C612		1-102-228-00	CERAMIC	470PF	10%	500 v
							C614		1-126-101-11	ELECT	100MF	20%	16V
C401 C403		1-124-910-11 1-163-133-00	ELECT CERAMIC CHIP	47MF 470PF	20% 5%	50V 50V	C618 C 62 1	A	1-124-916-11 1-136-517-11	ELECT FILM	22MF 0.22MF	20% 20%	50V 300V
C404		1-163-031-11	CERAMIC CHIP	0.01MF		50V	C623		1-164-246-61	CERAMIC	0.0022MF	20%	400V
C430 C431		1-164-336-11 1-124-910-11	CERAMIC CHIP	0.33MF 47MF	20%	25V 50V	C624		1-161-754-00 (KV-M140	CERAMIC OA/KV-M1400E/	0.001MF KV-M1400H/KV	10% ₩1.401#	2KV
												MI 4010	OMBI
C432 C433		1-163-031-11 1-124-916-11	CERAMIC CHIP	0.01MF 22MF	20%	50V 25V	C625	Δ	1-136-517-11		0.22MF KV-M1400A/KV	20% -₩1400%	300V
C434 C475		1-163-031-11	CERAMIC CHIP		200	50V	C626	◮	1-163-161-00	CERAMIC	15PF	588	50V
C475		1-124-916-11 1-108-702-11	ELECT MYLAR	22MF 0.068MF	20% 10%	- 50V - 100V	C627	₼	1-163-161-00	CERAMIC	15PF (KV	-M1400E 5%%	ONLY)
C490			77 700	47hm	200						(KV	-M1400E	ONLY)
. C499		1-124-910-11 1-163-205-00	ELECT CERAMIC CHIP	47MF 0.001MF	20% 10%	50V 50V	C633 C801		1-161-742-00 1-136-559-11	CERAMIC MYLAR	0.0022MF 0.0047MF	20% 10%	400V 400V
C501 C502		1-163-181-00	CERAMIC CHIP		5%	50V							
C502		1-163-005-11 1-163-181-00	CERAMIC CHIP		10% 5%	50V 50V	C802 C803		1-102-212-00 1-102-244-00	CERAMIC CERAMIC	820PF 220PF	10% 10%	500V 500V
C504		1 104 100 11					C804		1-126-101-11	ELECT	100MF	20%	16V
C504		1-124-122-11 1-124-916-11	ELECT	100MF 22MF	20% 20%	50V 50V	C805 C806		1-136-076-00 1-106-389-00	FILM MYLAR	0.0085MF 0.082MF	3% 10%	2KV 200V
C506 C507		1-106-228-00 1-124-557-11	MYLAR	0.22MF	10%	100V							
C507		1-163-117-00	ELECT CERAMIC CHIP	1000MF 100PF	20ዩ 5ዩ	25V 50V	C807 C808		1-162-116-00 1-136-932-11	CERAMIC FILM	680PF 0.82MF	10% 5%	2KV 100V
C509		1 160 500 11	OFFICE CUTD	0.2220	100	16:	C809		1-106-367-00	MYLAR	0.01MF	10%	400V
C510		1-162-568-11 1-163-081-00	CERAMIC CHIP		10%	16V 25V	C811 C812		1-136-540-11 1-124-634-11	FILM ELECT	0.82MF 1MF	5% 20%	160V 250V
C511		1-163-117-00	CERAMIC CHIP	100PF	5%	50V							
C512 C513		1-108-702-11 1-124-927-11	MYLAR ELECT	0.068MF 4.7MF	10% 20%	100V 50V	C813 C814		1-163-009-11 1-123-932-00	CERAMIC CHIP	0.001MF 4.7MF	10% 20%	50V 160V
C514		1 136 200 00	777.	0.00225			C815		1-124-916-11	ELECT	22MF	20%	50V
C515		1-136-298-00 1-163-035-00	FILM CERAMIC CHIP	0.0033MF 0.047MF	5%	100V 50V	C816 C817		1-102-228-00 1-123-948-00	CERAMIC ELECT	470PF 22MF	10% 20%	500V 250V
C516 C517		1-163-113-00 1-163-033-00	CERAMIC CHIP		5%	50V	0010						
C518		1-163-033-00	CERAMIC CHIP		5%	50V 50V	C818 C819		1-106-375-12 1-162-114-00	MYLAR CERAMIC	0.022MF 0.0047MF	10%	250V 2KV
				(KV	-M1400L	ONLY)	C820		1-162-318-11	CERAMIC	0.001MF	10%	500V
C520		1-163-033-00	CERAMIC CHIP	0.022MF		50V	C821 C822		1-126-101-11 1-162-318-11	ELECT CERAMIC	100MF 0.001MF	20% 10%	16V 500V
C521 C524		1-131-377-00 1-106-228-00	TANTALUM MYLAR	10MF 0.22MF	10% 10%	10V 100V	C823		1-126-233-11	ELECT	2048	200	E ATT
C525		1-108-702-11	MYLAR	0.068MF	10%	100V	C824		1-124-913-11	ELECT	22MF 470MF	20% 20%	50V 50V
C526		1-124-910-11	ELECT	47MF	20%	50V	C825 C826		1-106-367-00 1-104-724-91		0.01MF 0.1MF	10% 10%	400V 250V
C527		1-164-232-11	CERAMIC CHIP		10%	50V	C840		1-124-902-00			20%	50V
		1-163-017-00	CERAMIC CHIP	(KV 010047MF	-M1400A 10%	ONLY) 50V			<filt< td=""><td>ER></td><td></td><td></td><td></td></filt<>	ER>			
C529		(KV-M140	0E/KV-M1400L/I	KV-M1400U/KV	-M1401U	ONLY)	em 1 0 1						
C530		1-163-117-00 1-163-197-00	CERAMIC CHIP	470PF	5% 5%	50V 50V	CD101		1-579-110-11		R, CERAMIC KV-M1400A/KV-	M1400E	ONTAY
C531		1-163-113-00	CERAMIC CHIP	68PF	5%	50V			1-579-109-11	DISCRIMINATOR	R, CERAMIC		-
			(1	KV-M1400A/KV	-MI400E	ONLY)	CF501		1-404-801-11	(KV-M1400L/I	KV-M1400U/KV-	M1401U	ONLY)
C532		1-163-117-00	CERAMIC CHIP		5%	50V				()	TV-M1400A/KV-	M1400E	ONLY)
C536 C537		1-124-927-11 1-163-038-00	CERAMIC CHIP	4.7MF 0.1MF	20%	50V 25V			1-409-429-11		: KV-M1400U/KV-	M140117	ONLY
C540 C601	A	1-163-111-00	CERAMIC CHIP	56PF	5%	50V	SWF101		1-579-120-11	FILTER, SURFA	CE WAVE		
		1-161-964-61		0.0047MF		250V			1-404-718-11	FILTER. SURFA	CV-M1400A/KV- ACE WAVE	M1400E	ONLY)
C602 C603	◮	1-161-964-61	CERAMIC	0.0047MF		250V	ህክ⊏ ለ 1			(KV-M1400L/F	W-M1400U/KV-	M1401U	ONLY)
C604		1-162-599-12 1-125-318-00	ELECT (BLOCK)	0.0047MF 220MF	20%	250V 400V	XF501		1-527-840-00		IIC W-M1400A/KV-	M1400E	ONLY)
C605		1-161-754-00	CERAMIC	0:001MF	10%	2KV			1-567-569-11	FILTER, CERAM	IIC		
C606		1-104-728-11		KV-M1400A/KV 0.047MF	-M1400E 108	630V				(KV-M1400L/F	TV-M1400U/KV-	M1401U	ONTA)

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A KV-M1400U / M1401U / M1400E M1400L / M1400A

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
CNA21 CNA22 CNA61 CNA62	*1-560-290-00 *1-568-878-51 *1-508-765-00 *1-580-844-11	ECTOR> PLUG, CONNECTOR (2.5M PIN, CONNECTOR 3P PIN, CONNECTOR (5MM E PIN, CONNECTOR (POWER	PITCH) 3P	D608 D609 D610 D611 D801	8-719-950-57 8-719-908-03 8-719-908-03 8-719-303-49 8-719-945-80	DIODE GP08D DIODE GP08D	
CNA64 CNA81 CNA82 CNA83	*1-508-768-00 *1-580-798-11	PIN, CONNECTOR (5MM F PIN, CONNECTOR (5MM F CONNECTOR PIN (DY) 61 PIN, CONNECTOR (5MM F	PITCH) 6P	D802 D803 D805 D806 D807	8-719-979-85 8-719-950-57 8-719-950-57 8-719-976-64 8-719-950-57	DIODE BYD33 DIODE BYD33 DIODE RGP02-17	
	<trim< td=""><td>MER></td><td></td><td>D808</td><td>8-719-950-57</td><td>DIODE BYD33G</td><td></td></trim<>	MER>		D808	8-719-950-57	DIODE BYD33G	
CT332	1-141-418-11 <diod< td=""><td>,</td><td></td><td>D810 D811 D820</td><td>8-719-908-03 8-719-908-03 8-719-911-19</td><td>DIODE GP08D DIODE GP08D</td><td></td></diod<>	,		D810 D811 D820	8-719-908-03 8-719-908-03 8-719-911-19	DIODE GP08D DIODE GP08D	
D002	8-719-920-55	DIODE SPR-54MVW			<dela< td=""><td>Y LINE></td><td></td></dela<>	Y LINE>	
D004 D007	*4-200-407-01 8-719-104-34	HOLDER, LED D002 DIODE 1S2836 DIODE MA152WK		DL301	1-236-062-11	MODULE, Y DELAY LIN	E
D008	8-719-105-82	DIODE RD5.1MB2 DIODE RD5.1MB2			<fuse< td=""><td>></td><td></td></fuse<>	>	
D009 D011 D020 D101	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE HZS7.5NB3			1-576-231-21 *4-201-057-01	FUSE (H.B.C.) 4A 2 COVER, FUSE	50V
		(KV-M1400A/KV-M1400)	E/KV-M1400L ONLY)		<ic></ic>		
D102		DIODE HZS7.5NB3 (KV-M1400A/KV-M1400)	E/KV-M1400L ONLY)	IC001 IC002 IC003		IC PCA84C840P/016 IC ST24C02AB1	
D103 D104		DIODE HZS7.5NB3 (KV-M1400A/KV-M1400) DIODE MA152WK	E/KV-M1400L ONLY) (KV-M1400A ONLY)	IC003 IC004 IC005	8-759-805-37	IC L78LR05D-MA DIODE UPC574J	
D110 D301	8-719-010-38	DIODE UZ-5.1BSB DIODE 1S2836		IC102 IC201	8-759-044-41 8-759-502-74	IC TDA3827/V3	
D3 02 D3 03 D3 05 D3 06	8-719-10 4- 34 8-719-800-76	DIODE 1SS226 DIODE 1S2836 DIODE 1SS226 DIODE MA152WK		IC301 IC302 IC331	8-759-505-39 8-759-512-04	IC TDA4660/V2 IC TDA3505-V1 IC TDA4510/V8	
D313	8-719-800-76	DIODE 1SS226		IC501 IC502	8-759-113-05 *4-389-343-11 8-759-515-72	SPRING, IC501	
D321 D324 D334 D402	8-719-104-34 8-719-104-34 8-719-109-97	DIODE RD5.6ESB2 DIODE 1S2836 DIODE 1S2836 DIODE RD6.8ESB2		IC601	8-749-901-65	IC STR54041 SPRING, TRANSISTOR	IC601
D403 D404	8-719-109-97	DIODE RD6.8ESB2 DIODE RD6.8ESB2		IC802		IC M5F78M12L SPRING, IC802	
D405 D406		DIODE HZS8.2NB3 DIODE HZS8.2NB3			<jack< td=""><td>(></td><td></td></jack<>	(>	
D411 D417	8-719-109-97	DIODE RD6.8ESB2 DIODE 1S2836		J 4 01	1-561-534-00	SOCKET, PIN 21P	
D418	8-719-104-34				<coil< td=""><td>></td><td></td></coil<>	>	
D426 D427 D450 D501	8-719-911-19 8-719-109-97	DIODE 1SS119 DIODE 1SS119 DIODE RD6.8ESB2 DIODE BYD33G		L001 L102 L103 L105	1-408-409-00 1-408-409-00 1-408-399-00 1-410-872-21	INDUCTOR 10UH INDUCTOR 1.5U	: H
D503 D504 D519 D601	8-719-400-18 8-719-400-18 8-719-311-72	DIODE 1SS119 DIODE MA152WK DIODE MA152WK DIODE RBV 406H 01			1-535-303-00	LEAD, JUMPER (10. (KV-M140	(KT-M1400A ONLY) OMM) OU/KT-M1401U ONLY)
D602	•	DIODE RGP02-17		L106 L107	1-408-415-00 1-408-410-00	INDUCTOR 12UH	
D603 D604	8-719-979-85	DIODE GP08DM DIODE EGP20G			1-408-409-00		OA/KI-M1400E ONLY)
D605 D606 D607	8-719-980-78	DIODE BYD33G DIODE ERA83-006 DIODE BYD33G		L110	1-408-409-00 (KV-M140		

Q305

Q307

Q310

0311

Q401

Q457

Q504

Q505

0601

0801

0802

8-729-230-49

8-729-216-22

8-729-230-49

8-729-216-22

8-729-230-49

8-729-216-22

8-729-230-49

8-729-216-22

8-729-119-80

M1401U / M1400E M1400L / M1400A KV-M1400U/

REF.NO. PART NO. DESCRIPTION REMARK L301 1-408-409-00 INDUCTOR 10UH L302 1-408-419-00 INDUCTOR 68UH L303 1-408-425-00 220UH INDUCTOR L406 1-408-417-00 INDUCTOR 470H 1-410-872-21 1,407 INDUCTOR 10TH 1-404-493-00 L501 COIL L502 1-408-407-00 INDUCTOR 6.8UH 1-408-411-00 INDUCTOR L506 150H 1-407-365-00 L801 COIL, CHOKE 1-420-872-00 COIL, AIR CORE 1-459-856-11 COIL, FERRITE L802 L804 L805 1-408-236-00 INDUCTOR 2.7MMH 1-459-756-12 T806 COIL, HORIZONTAL LINEARITY L807 1-410-067-21 INDUCTOR 4.7MMH L808 1-408-226-00 INDUCTOR 82UH 1-407-504-00 INDUCTOR L809 10UH <IC LINK> <TRANSISTOR> 0001 8-729-230-49 TRANSISTOR 2SC2712-YG Q003 8-729-901-01 TRANSISTOR DTC144EK 0004 8-729-230-49 TRANSISTOR 2SC2712-YG 0005 8-729-923-54 TRANSISTOR DTA143TK 0006 8-729-922-66 TRANSISTOR 2SC2410S Q007 8-729-230-49 TRANSISTOR 2SC2712-YG Q015 8-729-230-49 TRANSISTOR 2SC2712-YG Q016 8-729-901-47 TRANSISTOR DTA143EK Q017 8-729-216-22 TRANSISTOR 2SA1162-G 8-729-901-06 Q019 TRANSISTOR DTA144EK Q020 8-729-901-00 TRANSISTOR DTC124EK 8-729-901-47 0101 TRANSISTOR DTA143EK (KV-M1400A/KV-M1400E/KV-M1400L ONLY) Q102 8-729-901-47 TRANSISTOR DTA143EK (KV-M1400A/KV-M1400E/KV-M1400L ONLY) Q103 8-729-901-47 TRANSISTOR DTA143EK (KV-M1400A/KV-M1400E/KV-M1400L ONLY) 0104 8-729-230-49 TRANSISTOR 2SC2712-YG Q106 TRANSISTOR 2SC2712-YG 8-729-230-49 Q107 8-729-216-22 TRANSISTOR 2SA1162-YG 0112 8-729-230-49 TRANSISTOR 2SC2712-YG 8-729-901-00 Q114 TRANSISTOR DTC124EK Q115 8-729-901-00 TRANSISTOR DTC124EK 0123 8-729-901-47 TRANSISTOR DTA143EK (KV-M1400L/KV-M1400U/KV-M1401U ONLY) Q141 8-729-014-99 TRANSISTOR BF959-AMMO 8-729-230-49 Q302 TRANSISTOR 2SC2712-YG Q304 8-729-230-49 TRANSISTOR 2SC2712-YG

TRANSISTOR 2SC2712-YG

TRANSISTOR 2SA1162-G

TRANSISTOR 2SC2712-YG

TRANSISTOR 2SA1162-G

TRANSISTOR 2SC2712-YG

TRANSISTOR 2SA1162-G

TRANSISTOR 2SA1162-G

TRANSISTOR 2SC2688-LK

8-729-906-74 TRANSISTOR BC637-16

8-729-925-64 TRANSISTOR BU508AS2

TRANSISTOR 2SC2712-YG

Les composants identifies par une trame et une marque A sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked A are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTIO	N	F	REMARK
Q803	8-729-904-27	TRANSISTOR 2	 !SD1761-E	_	
	<res< td=""><td>STOR></td><td></td><td></td><td></td></res<>	STOR>			
JR45	1-216-295-00	METAL GLAZE	0 5% KV-M1400A/F		ONT.Y)
JR50	1-216-295-00	METAL GLAZE	0 5% KV-M1400A/F	1/10W	,
JR53	1-216-295-00	METAL GLAZE	0 5%	1/10W	O.L.
JR003	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR004	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR005	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR006		METAL GLAZE		1/10W	
JR007		METAL GLAZE		1/10W	
JR008		METAL GLAZE	0 5%		
JR009	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR010	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR011		METAL GLAZE	0 5%	1/10W	
JR012		METAL GLAZE	0 5%	1/10W	
JR015		METAL GLAZE			
JR016	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR017	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR018		METAL GLAZE		1/10W	
JR019		METAL GLAZE		1/10W	
JR020 JR021	1-216-295-00 1-216-295-00	METAL GLAZE	0 5%		
JRUZI	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR022	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR023		METAL GLAZE	0 5%	1/10W	
JR026	1-216-295-00		0 5%	1/10W	
JR028 JR029	1-216-295-00 1-216-295-00	METAL GLAZE	0 5%	1/10W	
UR023	1-210-295-00	METAL GLAZE	0 5%	1/10W	
JR030	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR033	1-216-295-00	METAL GLAZE	0 5%	1/10W	
77024	1 016 005 00		KV-M1400U/K		ONLY)
JR034	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR036 JR037	1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE	0 5% 0 5%	1/10W 1/10W	
0.0037	1-210-293-00	METAL GLAZE	0 56	1/10W	
JR038	1-216-295-00		0 5%	1/10W	
JR039	1-216-295-00		0 5%	1/10W	
JR040		METAL GLAZE	0 5%	1/10W	
JR041	(KV-M140	0E/KV-M1400L/	KV-MT4000/K	V-M1401U (ONLY)
24041	1-210-233-00 (EVL-M1 A)	METAL GLAZE 0E/KV-M1400L/I	ს ⊃15 ლიქქიელ	1/1UW - 17/1011	OM VI
JR042	1-216-295-00	METAL GLAZE	0 5%	1/10W	JIML!)
01042		0E/KV-M1400L/1			ONLY)
JR044	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR051		METAL GLAZE	0 5%	1/10W	
JR052	1-216-295-00	METAL GLAZE	0 5%	1/10W	
JR060		METAL GLAZE	0 5%		
JR099	1-216-295-00	METAL GLAZE	0 5%		
JR101	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR102		METAL GLAZE	0 5%	1/8W	
JR103	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR104	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR105	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR106	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR108	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR109	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR110	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR111	1-216-296-00	METAL GLAZE	0 5%	1/8W	
JR116	1-216-296-00	METAL GLAZE	0 5%	1/8W	
		(KV-M1400A/F			(NLY

A	KV-M1400U / M1401U / M1400E M1400L / M1400A
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						A	M1400L / M1400A
REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
JR117 JR118 JR123 JR125	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0 METAL GLAZE 0	5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W	R026 R028 R029	1-216-089-00 1-216-085-00 1-216-041-00	METAL GLAZE 47	K 5% 1/10W
JR126 JR127 JR128 JR129 JR130	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0 METAL GLAZE 0 METAL GLAZE 0	5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W	R030 R031 R032 R033	1-216-077-00 1-216-073-00 1-216-057-00 1-216-057-00	METAL GLAZE 10 METAL GLAZE 2. (KV-M1400A/KV-M METAL GLAZE 2.	
JR131 JR133 JR134 JR135 JR137	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0 METAL GLAZE 0 METAL GLAZE 0 METAL GLAZE 0	5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W	R034 R035 R038 R040 R041 R042	1-216-238-00 1-216-077-00 1-216-073-00 1-216-081-00 1-216-081-00 1-216-081-00	METAL GLAZE 47 METAL GLAZE 15 METAL GLAZE 10 METAL GLAZE 22	K 5% 1/8W K 5% 1/10W K 5% 1/10W K 5% 1/10W K 5% 1/10W
JR139 JR140 JR141 JR144 JR146	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0 METAL GLAZE 0 (KV-M1400A/KV-M1400 METAL GLAZE 0	5% 1/8W 5% 1/8W 5% 1/8W E/KV-M1400L ONLY) 5% 1/8W 5% 1/8W	R043 R044 R045 R046 R047	1-215-900-11 1-216-105-00 1-216-089-00 1-216-081-00 1-216-079-00	METAL OXIDE 22 METAL GLAZE 22 METAL GLAZE 47	K 5% 2W OK 5% 1/10W K 5% 1/10W K 5% 1/10W
JR147 JR148 JR149 JR150 JR151	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0 METAL GLAZE 0 METAL GLAZE 0 METAL GLAZE 0	5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W A/KV-M1400E ONLY)	R048 R049 R050 R051 R052	1-216-202-00 1-216-073-00 1-216-250-00 1-216-295-00 1-216-065-00	METAL GLAZE 15 METAL GLAZE 0	
JR152 JR153	1-216-296-00 1-216-296-00	METAL GLAZE 0 (KV-M1400 METAL GLAZE 0	5% 1/8W A/KV-M1400E ONLY) 5% 1/8W A/KV-M1400E ONLY)	R053 R054 R055 R056 R058	1-216-049-00 1-249-395-11 1-216-057-00 1-216-041-00 1-249-434-11	CARBON 15 METAL GLAZE 2. METAL GLAZE 47	5% 1/4W 2K 5% 1/10W 0 5% 1/10W
JR155 JR181 JR182 JR183	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE 0 METAL GLAZE 0 METAL GLAZE 0	5% 1/8W 5% 1/8W 5% 1/8W 5% 1/8W	R059 R060 R061 R062	1-216-089-00 1-216-234-00 1-216-079-00 1-216-242-00	METAL GLAZE 47	K 5% 1/10W K 5% 1/8W K 5% 1/10W
JR184 R001 R002 R003	1-216-296-00 1-216-069-00 1-216-081-00 1-216-081-00	METAL GLAZE 0 METAL GLAZE 6.8K METAL GLAZE 22K	5% 1/8W	R064 R072 R075 R076	1-216-091-00 1-216-049-00 1-216-248-00 1-216-198-00	METAL GLAZE 1K METAL GLAZE 12	K 5% 1/10W 5% 1/10W 0K 5% 1/8W
R004 R005	1-216-083-00 1-216-206-00	METAL GLAZE 2.2K (KV-M1400A/KV-M1400		R077 R078	1-216-077-00 1-216-049-00	METAL GLAZE 15 METAL GLAZE 1K	K 5% 1/10W 5% 1/10W
R006 R007 R008	1-216-254-00 1-216-190-00 1-216-049-00	METAL GLAZE 470 METAL GLAZE 1K	5% 1/8W 5% 1/10W	R079 R081 R082 R083	1-216-049-00 1-216-198-00 1-216-049-00 1-216-065-00	METAL GLAZE 1K METAL GLAZE 1K METAL GLAZE 4.	5% 1/8W 5% 1/10W 7K 5% 1/10W
R009 R010 R011 R012 R013	1-216-248-00	METAL GLAZE 1K METAL GLAZE 270 METAL GLAZE 120K	5% 1/10W 5% 1/8W 5% 1/10W 5% 1/8W 5% 1/10W	R084 R087 R094 R095 R096	1-216-057-00 1-216-027-00 1-216-077-00 1-216-065-00 1-216-065-00	METAL GLAZE 12 METAL GLAZE 15 METAL GLAZE 4.	0 5% 1/10W
R014 R015 R016 R017 R018	1-216-230-00	METAL GLAZE 22K METAL GLAZE 1K METAL GLAZE 22K	5% 1/10W 5% 1/8W 5% 1/10W 5% 1/10W 5% 1/10W	R097 R099 R100 R101	1-216-085-00 1-216-228-00 1-216-017-00 1-216-069-00	METAL GLAZE 18 METAL GLAZE 47 METAL GLAZE 6.	K 5% 1/10W K 5% 1/8W 5% 1/10W 8K 5% 1/10W
R019 R020 R021 R022 R023	1-216-065-00 1-216-049-00 1-216-198-00		5% 1/10W 5% 1/10W 5% 1/8W	R102 R103 R104 R105 R106	1-216-061-00 1-216-057-00 1-216-057-00 1-216-109-00 1-216-081-00	METAL GLAZE 2. METAL GLAZE 33 METAL GLAZE 22	
R024 R025		METAL GLAZE 4.7k METAL GLAZE 100k		R107	1-216-073-00	METAL GLAZE 10	K 5% :/10W (KV-M 400A ONLY)

A KV-M1400U / M1401U / M1400E M1400A

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION		REMARK
R108	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R315			20 5%	1/10W
		(KV-)	M1400A ONLY)	R317 R320	1-216-202-00 1-216-057-00		.5K 5%	1/8W 1/10W
R109	1-216-190-00		1/8W	R321	1-216-023-00		2 5%	1/10W
R110	1-249-437-11 (KV-M14)	CARBON 47K 5% DOE/KV-M1400L/KV-M1400U/KV-D	1/4W M1401U ONLY)	R322	1-216-053-00	METAL GLAZE 1	.5K 5%	1/10W
R111	1-216-085-00	METAL GLAZE 33K 5%	1/10W	R323	1-216-192-00	METAL GLAZE 5	60 5%	1/8W
R112 R113	1-249-411-11 1-216-085-00		1/4W 1/10W	R324 R325	1-216-065-00 1-249-410-11		.7K 5% 70 5%	1/10W 1/4W
				R326	1-216-035-00		70 5%	1/10W
R114 R115	1-216-238-00 1-216-045-00		1/8W 1/10W	R327	1-216-121-00	METAL GLAZE 1	M 5%	1/10W
R116	1-216-049-00	METAL GLAZE 1K 5%	1/10W	R328	1-216-001-00 1-216-109-00		0 5% 30K 5%	1/10W
R118	1-210-035-00	METAL GLAZE 270 5% (KV-M1400A/KV-	1/10W M1400E ONLY)	R329 R330	1-216-244-00		2K 5%	1/10W 1/8W
	1-216-037-00	METAL GLAZE 330 5%	1/10W	R331	1-216-113-00	METAL GLAZE 4	70K 5%	1/10W
		(KV-M1400U/KV-M1401U/KV-	MI400D ONDI)	R332	1-216-270-00	METAL GLAZE 1	M 5%	1/8W
R119	1-216-045-00		1/10W	R333 R334	1-216-091-00		6K 5%	1/10W
R120	1-216-043-00	METAL GLAZE 560 5% (KV-M1400U/KV-M1401U/KV-	1/10W M1400L ONLY)	R335	1-216-067-00 1-216-001-00			1/10W 1/10W
R122	1-216-043-00	METAL GLAZE 560 5% (KV-M1400U/KV-M1401U/KV-	1/10W	R336	1-216-059-00	METAL GLAZE 2	.7K 5%	1/10W
R130	1-249-409-11		1/4W	R337	1-216-073-00		OK 5%	1/10W
R131	1-216-041-00	METAL GLAZE 470 5%	1/10W	R338 R344	1-216-073-00 1-247-848-11		0K 5% .1K 5%	1/10W 1/4W
R132	1-216-295-00		1/10W	R345	1-216-073-00	METAL GLAZE 1	0K 5%	1/10W
	1-216-035-00	(KV-M1400U/KV-M1401U/KV-) METAL GLAZE 270 5%	M1400L ONLY) 1/10W	R347	1-216-089-00	METAL GLAZE 4	7K 5%	1/10W
		(KV-M1400A/KV-	M1400E ONLY)	R348	1-216-033-00		20 5%	1/10W
R133	1-216-057-00		1/10W M1400L ONLY)	R349 R350	1-216-029-00 1-216-041-00		50 5% 70 5%	1/10W 1/10W
R136	1-216-041-00	METAL GLAZE 470 5%	1/10W	R351	1-216-043-00	METAL GLAZE 5	60 5%	1/10W
R138	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W		1-216-053-00)OA/KV-M140OL/KV- METAL GLAZE 1	.5K 5%	V-M14010 ONLY) 1/10W
R139	1-216-295-00		1/10W	7252	1 216 020 00	MDMST CTSCD 3		V-M1400E ONLY)
R140 R141	1-216-037-00 1-216-021-00		1/10W 1/10W	R352	1-216-039-00	METAL GLAZE 3	90 5%	1/10W
R142 R143	1-216-063-00 1-216-033-00		1/10W 1/10W	R353 R354	1-249-438-11 1-216-081-00		6K 5% 2K 5%	1/4W 1/10W
				R355	1-216-049-00	METAL GLAZE 1	K 5%	1/10W
R144 R147	1-216-065-00 1-216-073-00		1/10W 1/10W	R356 R357	1-216-041-00 1-216-039-00		70 5% 90 5%	1/10W 1/10W
R148	1-216-017-00	METAL GLAZE 47 5%	1/10W					
R149 R151	1-216-182-00 1-216-057-00		1/8W 1/10W	R358 R359	1-216-089-00 1-216-238-00		7K 5% 7K 5%	1/10W 1/8W
				R363	1-216-222-00	METAL GLAZE 1	0K 5%	1/8W
R152 R153	1-215-061-00	METAL GLAZE 3.3K 5% METAL OXIDE 470 5%	1/10W 1W	R364 R402	1-216-222-00 1-216-172-00		0K 5% 2 5%	1/8W 1/8W
R199 R201	1-216-295-00	METAL GLAZE 0 5%	1/10W	R403	1-216-023-00	METAL GLAZE 8		1/10W
R201	1-216-073-00 1-216-057-00		1/10W 1/10W	R404	1-216-023-00	METAL GLAZE 8	2 5%	1/10W
R203	1-216-298-00	METAL GLAZE 2.2 5%	1/10W	R405 R406	1-216-023-00 1-216-226-00		2 5% 5K 5%	1/10W 1/8W
R204	1-247-741-11	CARBON 150 5%	1/2W	R407	1-216-226-00		5K 5%	1/8W
R205 R206	1-216-083-00 1-216-035-00		1/10W 1/10W	R408	1-216-091-00	METAL GLAZE 5	6K 5%	1/10W
R207	1-216-298-00		1/10W	R409	1-216-023-00	METAL GLAZE 8	2 5%	1/10W
R303	1-216-033-00	METAL GLAZE 220 5%	1/10W	R411 R412	1-216-037-00 1-216-037-00		30 5% 30 5%	1/10W 1/10W
R304	1-216-033-00	METAL GLAZE 220 5%	1/10W	R413	1-216-037-00		30 5%	1/10W
R305 R306	1-216-033-00		1/10W 1/10W	R414	1-216-041-00		70 5%	1/10W
R307	1-216-077-00		1/10W	R420 R423	1-216-182-00 1-216-095-00	METAL GLAZE 2	20 5% 2K 5%	1/8W 1/10W
R309	1-216-055-00		1/10W	R424	1-216-222-00	METAL GLAZE 1	0K 5%	1/8W
R310 R311	1-216-049-00 1-216-051-00	METAL GLAZE 1K 5%	1/10W 1/10W	R425	1-216-033-00	METAL GLAZE 2	20 5%	1/10W
R312	1-216-174-00	METAL GLAZE 100 5%	1/8W	R426	1-216-045-00		80 5%	1/10W
R313	1-216-174-00	METAL GLAZE 100 5%	1/8W	R427 R428	1-216-049-00 1-216-073-00		K 5% OK 5%	1/10W 1/10W
R314	1-216-025-00	METAL GLAZE 100 5%	1/10W	R430	1-216-077-00		5K 5%	1/10W

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KV-M1400U / M1401U / M1400E M1400L / M1400A

								, ,		141	700L/ 14:	17007
REF.NO.	PART NO.	DESCRIPTION	I	REMA	ARK	REF.NO.	PART NO.	DESCRIPTION	Į		REM	ARK
R432 R433 R434 R435 R436 R437	1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE	68 59 18K 59 150 59 220 59 47K 59 33K 59	% 1/10W % 1/10W % 1/10W % 1/10W		R628 R801 R802 R803 R804	1-218-265-11 1-217-778-11 1-217-826-11 1-216-355-11 1-216-013-00	FUSIBLE FUSIBLE METAL OXIDE	10K 5	96 96 96	1W F 1W F 1/4W 1W F 1/10W	
R501 R502 R503 R504 R505	1-216-214-00 1-247-743-11 1-249-437-11 1-216-017-00	METAL GLAZE CARBON CARBON	4.7K 59 220 59 47K 59 47 59 10K 59	% 1/8W % 1/2W % 1/4W % 1/10W		R805 R806 R807 R808 R809	1-216-065-00 1-216-049-00 1-216-069-00 1-216-091-00 1-216-083-00	METAL GLAZE METAL GLAZE METAL GLAZE	6.8K 5	96 96 96	1/10W 1/10W 1/10W 1/10W 1/10W	
R507 R508 R510 R511 R512	1-216-350-11 1-215-867-00 1-216-061-00	METAL OXIDE METAL OXIDE METAL GLAZE METAL GLAZE	1.2 59 470 59 3.3K 59 82K 59 47K 59	% 1W F % 1W % 1/10W % 1/8W		R810 R811 R812 R813 R814	1-216-095-00 1-216-099-00 1-217-778-11 1-212-877-11 1-217-820-11	METAL GLAZE FUSIBLE FUSIBLE	120K 5	do do do	1/10W 1/10W 1W F 1/4W 1/4W	
R513 R514 R515 R516 R517	1-216-053-00 1-216-051-00 1-216-683-11 1-216-095-00	METAL GLAZE METAL GLAZE METAL CHIP METAL GLAZE	1.5K 59	% 1/10W % 1/10W .50% 1/10W % 1/10W		R816 R817 R818 R819 R820	1-247-889-00 1-216-071-00 1-202-830-00 1-217-811-11 1-217-811-11	METAL GLAZE SOLID FUSIBLE		ક 0% જ	1/4W 1/10W 1/2W 1/4W 1/4W	
	1-216-031-00	(KV-M1400A/K METAL GLAZE (K	V-M1400U, 180 5 V-M1400E	/KV-M1401U ONI % 1/10W /KV-M140OL ONI		R821 R822 R824 R826	1-216-059-00 1-216-204-00 1-215-863-11 1-216-025-00	METAL GLAZE METAL OXIDE METAL GLAZE	1.8K 5 100 5 100 5	do do do	1/10W 1/8W 1W 1/10W	
R518 R519 R520 R521 R522	1-216-049-00 1-216-258-00 1-216-053-00	METAL GLAZE METAL GLAZE	220 59 1K 59 330K 59 1.5K 59 100 59	% 1/10W % 1/8W % 1/10W		R827 R850 R851	1-216-081-00 1-215-882-00 1-247-895-00	METAL OXIDE		ક	1/10W 2W F 1/4W	
R523 R524 R525 R527 R532	1-216-065-00 1-215-869-11	METAL GLAZE . METAL GLAZE	1.5K 55 120K 55 4.7K 55 1K 55 22K 55	8 1/10W 8 1/10W 8 1W		RV001 RV501 RV502 RV503 RV504	1-241-627-11 1-241-630-11 1-226-703-11 1-238-019-11	RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, MET RES, ADJ, CAR RES, ADJ, CAR	BON 1K BON 10K AL GLAZE BON 47K	101		
R533 R534 R535 R539 R542	1-216-069-00 1-216-107-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.3M 55 6.8K 55 270K 55 1K 55 100 5	% 1/10W % 1/10W % 1/10W		RV505 RV801	1-238-009-11	RES, ADJ, CAR RES, ADJ, CAR	BON 220			
R543 R545 R548 R601 R602		METAL GLAZE METAL GLAZE WIREWOUND	180 5 2.2M 5 1K 5 3.3 5 270K 5	\$ 1/8W \$ 1/10W \$ 10W		\$001 \$002 \$003 \$601 A	1-571-532-21	SWITCH, TACTI SWITCH, TACTI SWITCH, TACTI SWITCH, PUSH	L L	R)		
R603 R604 R606 R608 R609	1-215-903-11 1-247-752-11 1-212-877-11 1-215-884-11 1-207-905-00	CARBON FUSIBLE METAL OXIDE	68K 5 1K 5 68 5 47 5 0.27 1	% 1/2W % 1/4W		SG801	1-519-422-11	K GAP> GAP, SPARK ISFORMER>				
R611 R612 R613 R614 R615		- FUSIBLE	120K 5 0.33 5 0.47 5 330 5 33 5	% 1/4W % 1/4W % 1/10W		T603 A T604 A T605 A	1-450-217-12 1-421-776-11 1-424-078-11 1-424-391-11	LFT TRANSFORMER, TRANSFORMER, (K	LINE FIL V-M1400A	TER /KVP	E 11400E ONI	-Y)
R617 R620 R621 R626	1-216-465-11	METAL OXIDE METAL OXIDE METAL OXIDE METAL GLAZE	2.7 5 27K 5 27K 5 47K 5	% 2W % 2W	T.Y)	T801	1-421-862-11 1-437-090-00 1-439-423-11	(KV-M1400L/K	V-M1400U	/KVP	11401U ONI (UX-1620	
R627	⚠ 1-216-238-00	METAL GLAZE	47K 5	1/8W (KV-M1400A ONI								

KV-M1400/M1401

RM-841								
Α	KV-M1400U / M1/ M1/	401U/M1400 400L/M1400	E C					
REF.NO.	PART NO.	DESCRIPTION	ON					
	<ther< td=""><td>MISTOR></td><td></td></ther<>	MISTOR>						
THP601	1-806-165-12 1-806-165-12	THERMISTOR	(POSITIVE)					

Les composants identifies par une trame et une marque 🏂 sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked \triangle are critical for safety. Replace only with part number specified.

7 1	IALL	TOOL / WITTOOM								
REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.		PART NO.	DESCRIPTION	ļ		REMARK
	<ther< td=""><td>MISTOR></td><td></td><td></td><td></td><td><sock< td=""><td>ET></td><td></td><td></td><td></td></sock<></td></ther<>	MISTOR>				<sock< td=""><td>ET></td><td></td><td></td><td></td></sock<>	ET>			
THP601	₾ 1-806-165-12	THERMISTOR (POSITIV	Æ)	J901	Â	1-526-819-11	SOCKET, CRT			
	<tuner></tuner>					<tran< td=""><td>SISTOR></td><td></td><td></td><td></td></tran<>	SISTOR>			
TU101	TU101 1-465-541-14 TUNER (BT-3C) (KV-M1400A/KV-M1400E ONLY)			Q701 Q702			TRANSISTOR 25			
	1-693-093-11	TUNER (BT-3C421)	(KV-M1400L ONLY)	0703 0704		8-729-230-49	TRANSISTOR 25	C2712-		
	1-465-542-13	TUNER (BT-3U601) (KV-M1400	OU/KV-M1401U ONLY)	Q705		8-729-906-70	TRANSISTOR BE	871		
	<crys< td=""><td>TAL></td><td></td><td>Q706 Q707</td><td></td><td>8-729-200-17</td><td></td><td>SA1091-</td><td></td><td></td></crys<>	TAL>		Q706 Q707		8-729-200-17		SA1091-		
X001		VIBRATOR, CRYSTAL		Q708 Q709			TRANSISTOR 25			
X332		OSCILLATOR, CRYSTAL				<resi< td=""><td>STOR></td><td></td><td></td><td></td></resi<>	STOR>			
*****			******	JW121		1-216-296-00		0	5%	1/8W
	*A-1638-035-A	C BOARD, COMPLETE	(M1400A M1400E M1400B)	R701 R702		1-216-061-00 1-216-210-00	METAL GLAZE	3.3K	5%	1/10W 1/8W
	*A-1638-022-A	C BOARD, COMPLETE	(M1400U M1401U M1400D)	R703 R704		1-216-045-00 1-216-045-00		680 680	5% 5%	1/10W 1/10W
		*****	(M1401D M1400K M1401K) (M1400L)	R705		1-216-017-00 1-216-017-00		47	5% 5%	1/10W
	*4-374-912-01 *4-374-913-01	COVER (MAIN), CV VO COVER (REAR LID), C	A AOF	R706 R707 R708		1-216-017-00 1-216-017-00 1-216-198-00	METAL GLAZE	47 47 1K	5% 5%	1/10W 1/10W 1/8W
C700 C701	1-137-146-11 1-163-127-00	FILM 0.15MF CERAMIC CHIP 270PF	10% 250V 5% 50V	R709 R710		1-216-196-00 1-249-413-11		820 470	5% 5%	1/8W 1/4W
C702 C703	1-163-127-00	CERAMIC CHIP 270PF	5% 50V 5% 50V	R711 R712		1-216-061-00 1-247-893-11	METAL GLAZE CARBON	3.3K 390K	5% 5%	1/10W 1/4W
C704		CERAMIC CHIP 470PF	10% 50V	R713		1-247-883-00		150K	5%	1/4W
C705 C706	1-163-005-11	CERAMIC CHIP 470PF CERAMIC CHIP 470PF	10% 50V 10% 50V	R714 R715		1-216-198-00 1-216-198-00	METAL GLAZE	1K 1K	5% 5%	1/8W 1/8W
C707 C708	1-123-947-00 1-162-116-00	CERAMIC 680PF	20% 250V 10% 2KV	R716 R717		1-216-049-00 1-202-824-00	SOLID	1K 3.3K		1/10W 1/2W
C709	1-136-666-11			R718		1-202-824-00		3.3K		1/2W
C710 C711		CERAMIC CHIP 0.001M	F 10% 50V	R719 R720		1-202-824-00 1-216-463-00 1-216-463-00	METAL OXIDE	3.3K 12K	5%	1/2W 2W
C712 C713 C714		CERAMIC CHIP 0.001M CERAMIC CHIP 0.001M CERAMIC 0.001M	F 10% 50V	R721 R722 R723		1-216-463-00	METAL OXIDE	12K 12K 27	5% 5% 5%	2W 2W 1/4W F
C/14		VECTOR>	r 106 500V	R726		1-249-398-11 1-202-719-00		1M	10%	1/4W F
CNC71		PIN, CONNECTOR (5MM	PITCH) 2P	R727 R728		1-202-838-00 1-202-842-11	SOLID	100K 220K	10%	1/2W 1/2W
CNC72 CNC73	*1-560-123-00	PLUG, CONNECTOR (2. PIN, CONNECTOR 6P		R729 R731		1-216-349-00 1-202-719-00	METAL OXIDE	1 1M	5% 10%	1W F 1/2W
CNC74		PIN, CONNECTOR (5MM	PITCH) 3P	R732		1-216-262-00		470K		1/8W
	<dio< td=""><td>DE></td><td></td><td>R734 R735</td><td></td><td>1-216-057-00 1-216-057-00</td><td>METAL GLAZE</td><td>2.2K 2.2K</td><td>5%</td><td>1/10W 1/10W</td></dio<>	DE>		R734 R735		1-216-057-00 1-216-057-00	METAL GLAZE	2.2K 2.2K	5%	1/10W 1/10W
D701 D702		DIODE MA152WK DIODE MA152WK		R736		1-249-421-11		2.2K		1/4W
D703 D704	8-719-400-18	DIODE MA152WK DIODE MA152WK				<vari< td=""><td>ABLE RESISTOR</td><td>></td><td></td><td></td></vari<>	ABLE RESISTOR	>		
D705		DIODE MA152WK		RV701 RV702			RES, ADJ, CER RES, ADJ, CER			
D706 D707		DIODE 1SS119 DIODE MA152WK		RV703 RV704		1-230-641-11 1-230-641-11	RES, ADJ, MET	TAL GLA	ZE 2.2	2M 2M
D708 D709	8-719-400-18	DIODE MA152WK DIODE MA152WK		RV705		1-230-798-11	RES, ADJ, MET	TAL GLA	ZE 901	M
D710		DIODE 1SS226		****	***	******	**********	*****	****	*****
D711 D712		DIODE 1SS226 DIODE 1SS226								

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J1 V KV-M1401K / M1401U / M1401

		·	·				U	V			
REF.	NO. PART NO.	DESCRIPTION		REMARK	REF.N	<u>0.</u>	PART NO.	DESCRIPTION	NC		REMARI
	*1-647-154-11	*******			IC2 IC3		8-759-045-54	IC SAA5246P IC SAA5246P IC FCB61C65	/E/M4A		.401K ONLY) Old M1401U)
	<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td></td><td><c0i< td=""><td>`></td><td></td><td></td><td></td></c0i<></td></cap<>	ACITOR>					<c0i< td=""><td>`></td><td></td><td></td><td></td></c0i<>	` >			
C22	00 1-163-031-11	CERAMIC CHIP 0.01M	F	50V	L1		1-408-403-00		3.3	ПН	
	<coni< td=""><td>NECTOR></td><td></td><td></td><td>L2 L3</td><td></td><td>1-408-407-00 1-408-407-00</td><td>INDUCTOR</td><td>6.8</td><td>UH</td><td></td></coni<>	NECTOR>			L2 L3		1-408-407-00 1-408-407-00	INDUCTOR	6.8	UH	
CN2	001 *1-568-878-51	PIN, CONNECTOR 3P			L4		1-408-407-00	INDUCTOR	6.8		
	<soci< td=""><td>KET></td><td></td><td></td><td></td><td></td><td><ic 1<="" td=""><td>LINK></td><td></td><td></td><td></td></ic></td></soci<>	KET>					<ic 1<="" td=""><td>LINK></td><td></td><td></td><td></td></ic>	LINK>			
J22	01 1-562-837-11	JACK			PS1	<u>A</u>	1-532-679-91	LINK, IC (I	CP-N15)	0.6A	
	<c0i< td=""><td>L></td><td></td><td></td><td></td><td></td><td><trai< td=""><td>NSISTOR></td><td></td><td></td><td></td></trai<></td></c0i<>	L>					<trai< td=""><td>NSISTOR></td><td></td><td></td><td></td></trai<>	NSISTOR>			
L22	01 1-408-409-00	INDUCTOR 10U	H		Q1 Q2		8-729-900 - 53 8-729-920 - 92				
***		V BOARD, COMPLETE		******	Q3 Q4 Q5		8-729-901-81 8-729-901-81 8-729-807-87	TRANSISTOR :	2SC2412 2SC2412	K-T-14 K-T-14	
	*A-1645-017-A	V BOARD, COMPLETE	(M1401U M140)1D)	Q6 Q7 Q9		8-729-807-87 8-729-807-87 8-729-901-04	TRANSISTOR :	SB1295	-UL6	
	<cap< td=""><td>ACITOR></td><td></td><td></td><td>Q10 Q11</td><td></td><td>8-729-901-01 8-729-901-01</td><td>TRANSISTOR I</td><td></td><td></td><td></td></cap<>	ACITOR>			Q10 Q11		8-729-901-01 8-729-901-01	TRANSISTOR I			
C1	1-126-101-11			16V			<res< td=""><td>ISTOR></td><td></td><td></td><td></td></res<>	ISTOR>			
C2 C3 C4	1-124-120-11		20%	25V 16V	JR01		1-216-295-00		0	5%	1/10W
C4 C5	1-163-077-00 1-124-120-11	CERAMIC CHIP 0.1MF ELECT 220MF	20%	50V 16V	JR02 JR03		1-216-295-00 1-216-295-00	METAL GLAZE	0	5% 5%	1/10W 1/10W
C6 C7 C8	1-163-235-11	CERAMIC CHIP 0.1MF CERAMIC CHIP 22PF CERAMIC CHIP 22PF	5% 5%	25V 50V 50V	JR08 JR09 JR11		1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0	5% 5% 5%	1/10W 1/10W 1/10W 0LD M1401U)
C9 C10		CERAMIC CHIP 22PF	5%	50V 25V	JR14 JR15 JR17		1-216-296-00 1-216-296-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 0	5% 5% 5%	1/8W 1/8W 1/10W
C11 C12		CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF		25V 25V	JR18		1-216-296-00	METAL GLAZE	0	5%	1/8W
C13 C14		CERAMIC CHIP 0.1MF	20%	25V 50V	JR19 JR20		1-216-296-00 1-216-296-00		0	5% 5%	1/8W 1/8W
C16	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	JR21 JR23		1-216-296-00 1-216-295-00		0	5% 5%	1/8W 1/10W
C17 C23	1-163-117-00 1-124-927-11	CERAMIC CHIP 100PF ELECT 4.7MF	5% 20%	50V 50V	JR24		1-216-296-00	METAL GLAZE	0	5%	1/8W
C26 C27	1-163-117-00	CERAMIC CHIP 0.1MF CERAMIC CHIP 100PF	5%	25V 50V	JR25 JR26		1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE	0	5% 5%	1/8W 1/8W
C28		CERAMIC CHIP 100PF	5%	50V	JR20 JR20	3	1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE	0	5% 5%	1/10W 1/10W
C29 C32 C33	1-163-038-00	CERAMIC CHIP 100PF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF		50V 25V 25V	JR22 JR22		1-216-295-00 1-216-295-00	METAL GLAZE	0	5% 5%	1/10W 1/10W
	<con< td=""><td>NECTOR></td><td></td><td></td><td>R1 R2</td><td></td><td>1-218-326-11 1-216-214-00</td><td></td><td>470 4.7K</td><td></td><td>1/2W 1/8W</td></con<>	NECTOR>			R1 R2		1-218-326-11 1-216-214-00		470 4.7K		1/2W 1/8W
CNV		CONNECTOR, BOARD TO			R3 R4		1-216-049-00 1-216-025-00	METAL GLAZE METAL GLAZE	1K 100	5% 5%	1/10W 1/10W
	<di0< td=""><td>DE></td><td></td><td></td><td>R5 R6</td><td></td><td>1-216-047-00 1-216-001-00</td><td>METAL GLAZE</td><td>820 10</td><td>5% 5%</td><td>1/10W 1/10W</td></di0<>	DE>			R5 R6		1-216-047-00 1-216-001-00	METAL GLAZE	820 10	5% 5%	1/10W 1/10W
D1 D3 D5	8-719-914-44	DIODE RD5.6M-B2 DIODE DAP202K-T-14 DIODE PAP202K-T-14			R7 R8 R9		1-216-083-00 1-216-071-00 1-216-308-00	METAL GLAZE	27K 8.2K 4.7	5% 5% 5%	1/10W 1/10W 1/10W
D6 D9	8-719-400-18	DIODE MA152WK DIODE RD6.8M-B2	,		R10 R11 R12		1-218-325-11 1-218-325-11 1-218-325-11	METAL GLAZE	120 120 120	5% 5% 5%	1/4W 1/4W 1/4W
	<ic></ic>				R13		1-216-025-00		100	5%	1/10W

KV-M1400/M1401

V	KV-M1401K /	M1401U / M1401D
REF.NO.	PART NO.	DESCRIPTION
D14	1 216 001	00 1001 01100 1

REF.NO.	PART NO.	DESCRIPTION	DESCRIPTION			
R14	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R15 R16 R17 R18 R19	1-216-013-00 1-216-013-00 1-216-013-00 1-216-025-00 1-216-025-00	METAL GLAZE	33 33 33 100 100			
R21 R22 R23 R40 R42	1-216-013-00 1-216-168-00 1-216-214-00 1-216-065-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE	33 56 4.7K 4.7K 1K	5% 5%		
R49 R50	1-216-049-00 1-216-296-00		1K 0	5% 5%	1/10W 1/8W	
	<vari< td=""><td>ABLE RESISTOR></td><td></td><td></td><td></td></vari<>	ABLE RESISTOR>				
RV1	1-241-627-11	RES, ADJ, CAR	BON 1K			
	<crys< td=""><td>TAL></td><td></td><td></td><td></td></crys<>	TAL>				
X1	1-579-266-31	CRYSTAL VIBRA	TOR			
******	********	******	*****	*****	*******	

ACCESSORIES AND PACKING MATERIALS

1-417-154-11 1-501-372-21	MATCHING TRANSFORMER, ANTENNA ANTENNA, TELESCOPIC (MIAGOR MIAGOR MIAGOR)
1-501-385-11	(M1400D M1401D M1400A M1400B) (M1400E M1400K M1401K M1400L) ANTENNA, LOOP (M1400U M1401U)
4-202-228-41 4-202-228-51 4-202-228-11 4-202-228-71	MANUAL, INSTRUCTION (M1400A) MANUAL, INSTRUCTION (M1400B) MANUAL, INSTRUCTION (M1400D M1401D) MANUAL, INSTRUCTION (M1400E)
4-202-228-81 4-202-228-61	MANUAL, INSTRUCTION (M1400K M1401K) MANUAL, INSTRUCTION (M1400L M1400U M1401U)
4-202-294-01 4-202-294-11	CUSHION (UPPER) (ASSY) (M1400A M1400B M1400E) CUSHION (UPPER) (ASSY) (M1400D M1401D M1400K) (M1401K M1400U M1401U)
4-202-293-01 4-202-293-11	(M1400L) CUSHION (LOWER) (ASSY) (M1400A M1400B M1400E) CUSHION (LOWER) (ASSY) (M1400D M1401D M1400K) (M1401K M1400U M1401U) (M1400L)
4-202-295-01 4-202-309-01	INDIVIDUAL CARTON (M1400A M1400B M1400E) INDIVIDUAL CARTON (M1400D M1401D M1400K) (M1401K M1400U M1401U)
4-380-340-01 4-384-927-01	(M1400L) BAG, PROTECTION (M1400A M1400B M1400E) BAG, PROTECTION (M1400D M1401D M1400K) (M1401K M1400U M1401U) (M1400L)

REMOTE COMMANDER

1-467-130-11 CONTROL UNIT, REMOTE (RM-841) 9-904-886-01 COVER, BATTERY (FOR RM-841)

Les composants identifies par une trame et une marque $ilde{\Lambda}$ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked \triangle are critical for safety. Replace only with part number specified.

REF.NO.	<u>PART NO</u> .	DESCRIPTION	REMARK
		MISCELLANEOUS	
	1-426-145-00 1-451-249-31 1-452-032-00 1-452-094-00 1-452-277-00	MAGNET, DISK; 10MM MAGNET, ROTATABLE DISK; 15MM	
	1-544-374-11	SPEAKER	
A .	1-690-296-11 1-590-501-11] (M1400D)
Δì	1-590-460-11	CORD, POWER [WITH CONNECTOR]	(M1401D) (M1400K) (M1401K) (M1400E)
Δħ	1-690-270-11 1-590-762-11	the state of the s	(M1400B) (M1400U) (M1401U) (M1400L)
A		PICTURE TUBE (A34JBU10X)	

SONY. SERVICE MANUAL

BE-2A CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-M1400K	RM-841	OIRT	SCC-E50G-A	KV-M1401D	RM-841	AEP	SCC-D85M-A
KV-M1401K	RM-841	OIRT	SCC-E50F-A	KV-M1400E	RM-841	Spanish	SCC-D87N-A
KV-M1400A	RM-841	Italian	SCC-D78J-A	KV-M1400U	RM-841	UK	SCC-D86Q-A
KV-M1400B	RM-841	French	SCC-E24G-A	KV-M1401U	RM-841	UK	SCC-D86P-A
KV-M1400D	RM-841	AEP	SCC-D85N-A	KV-M1400L	RM-841	Irish	SCC-D88H-A

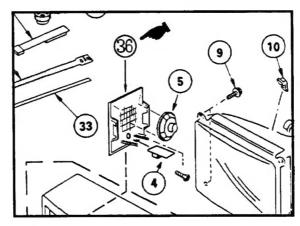
CORRECTION-1

SUBJECT : PART CHANGE

Correct the service manual as shown below. File this collection with the service manual.



SECTION 6 EXPLODED VIEWS 6-1. CHASSIS (See page 42)



REF. NO.	PART. NO.	DESCRIPTION
36	4-202-330-01	SPEAKER BRACKET (for BLACK) KV-M1400K, KV-M1401K, KV-M1400D, K V-M1401D
36	4-202-330-11	KV-M1400U, KV-M1401U, KV-M1400L
		SPEAKER BRACKET (for WHITE) KV-M1400D, KV-M1400U, KV-M1401U

